This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

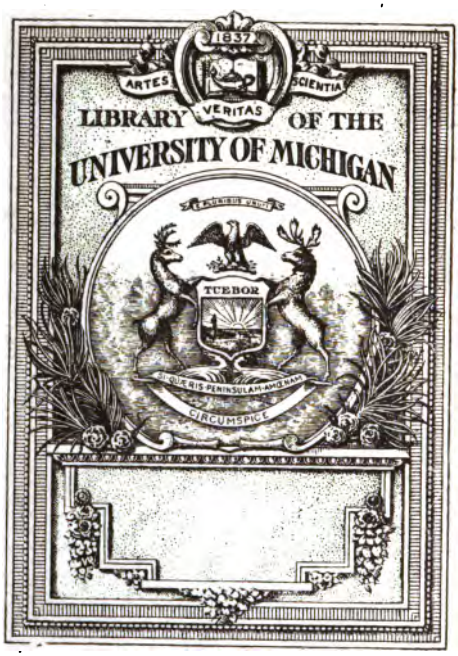
(*b*) To determine the place of a book in a class a further mark, known as the "work-mark," has to be given. In the new Library classification, now being introduced, the order of books in a class is chronological. Hence the addition of the date mark (abbreviated by the omission of the numeral in the fourth place, *e.g.*, 875 = 1875) defines with sufficient accuracy the place of an individual work, *e.g.* (From "General Alphabet," p. 130),

ENGLISH LANGUAGE: DICTIONARIES. AA 37

888 *Murray, Sir J. A. H.* A new English dictionary on historical principles. Oxford, 1888, etc. 4°.

In case of two works in the same class published in the same year their arrangement is alphabetical.

The value of chronological order in the final arrangement of entries under subject headings and in shelf arrangement will be evident to those trained in the methods of historical research. The order enables a student to select his own period of study, to trace the history of a subject from its source to its final development in the latest treatise on a subject, which of course is always to be found at the end of the class in question. The arrangement has the further



THE GIFT OF
Gt. Brit. Patent Office

Z
79
.G7
A.S.A.A.

SUBJECT LIST

OF WORKS OF

REFERENCE, BIOGRAPHY, BIBLIOGRAPHY,

THE

AUXILIARY HISTORICAL SCIENCES, ETC.

Aborigines. *See* Anthropology, Ethnological. AP 41

ABYSSINIA. AR 726

*870/** *Holland, T. J.*, and *Hozier, H. M.* Record of the expedition to Abyssinia. London, 1870. 2 vols. 4° and maps.

Academy publications, General, Bibliography. *See* Periodical publications. AH 30-40

—— —— National Bibliography. *See* Bibliography, National.

AG 10-99 (*Div. i. Periodical and Society Publications, etc.*)

ADVERTISING. AW 96

*889** *Hubbard, H. P. Co.* Blue book of trade marks and newspapers (illustrations of trade marks, designs, and advertisements). New Haven, Conn. 8°. 1889. 312 pp.

907 *Scott, W. D.* The theory and practice of advertising. London [*Boston, U.S.A., printed*], 1907. 8°. 252 pp.

ADVERTISING (*Periodicals*). AW 961

*907** *Advertising World* (The). Vol. 13, 1907, etc. London. 8°.
Current numbers in Box C 60.

ADVERTISING SIGNS, ELECTRIC. AW 962

1903. *Williams, A.* Decorative and sign lighting. *National Electric Light Association.* Proceedings. 26th Convention. Appendix A. D 50: 885

AFRICA, SOUTH WEST. AR 749

*846** *Eden, T. E.* The search for nitre, etc., being an account of a voyage . . . to the South West Coast of Africa. London, 1846. 12°. 141 pp.

Agricultural literature, Classification. *See* Book Classification: Agriculture, etc. AN 51 gr

ALASKA. AR 945

*880** *U.S. Census Office: 10th Census, 1880.* Report on the population, industries and resources of Alaska. By I. Petroff. Washington, 1888. 4°. 189 pp. 8 col. pl.

*890** —— *11th Census, 1890.* Report on population and resources of Alaska. Washington, 1893. 4°. 289 pp. maps. 1 col. pl.

ALBERT HALL. AR 43666 j

1873. *Scott, H. Y. D.* On the construction of the Albert Hall. *Roy. Engineers, Corps of.* Prof. Papers. New Ser. Vol. xxi. pp. 49–63. 2 pl. F 90: 844

ALDERLEY EDGE. AR 43252

*843** *Alderley Edge* and its neighbourhood. Macclesfield, [1843]. sm. 8°. 69 pp. 4 pl.

ALGIERS: INDUSTRIES. AR 795 l

1867. *Lestiboudois, T.* Exposition collective de l'Algérie. *Paris Univ. Exhibition, 1867.* Rapports du Jury International. Classe 43. Sect. xi. 1868. 8°. pp. 423–452. AB 867 p

ALHAMBRA. AR 4076 ja

848‖ *Jones, O.*, and *Goury, J.* Plans, elevations, etc., of the Alhambra. London, [1848]. 2 vols. fol.

*854** *Crystal Palace Co.* The Alhambra court in the Crystal Palace. Erected and described by O. Jones. Sydenham, 1854. sm. 8°. 119 pp. 1 pl.

AMERICA (CONTINENT). AR 80

*847** *Macgregor, J.* The progress of America from the discovery by Columbus to 1846. Vol. i., historical and statistical; vol. ii., geographical and statistical. London, 1847. 2 vols. 8°.

AMERICA (CONTINENT) HISTORY (*Periodicals*). AR 80 t

*869** *Historical Magazine* and notes and queries concerning the antiquities, history, and biography of America. 2nd Ser. Vol. 5: 3rd Ser. Vol. 2. Morrisania, N.Y., 1869 and 1873. 2 vols. 4°.

AMERICA (CONTINENT) (*Maps*). AR 80 u

*901** *U.S. Congress Library: Div. of Maps and Charts.* A list of Maps of America in the Library of Congress, preceded by a list of works relating to cartography, by P. L. Phillips. Washington, 1901. 8°. 1,137 pp.

AMERICA, CENTRAL: INDUSTRIES. AR 961 1

1867. *Martin de Moussy, V.* L'Amérique centrale et l'Amérique méridionale à l'Exposition, etc. *Paris Univ. Exhibition, 1867.* Rapports du Jury International. Classe 43. Sect. xiii. 1868. 8°. pp. 488-549. AB 837 p

AMERICA, NORTH. AR 817

*830/** *Hall, B.* Forty etchings from sketches made with the camera lucida in North America in 1827 and 1828. 4th ed. Edinburgh, 1830. 4°. 20 pl. with explanatory text; map.

*869** *Union Pacific Railway Co.* Report of surveys across the continent in 1867-68, . . . for a route extending the Kansas Pacific Railway to the Pacific Ocean at San Francisco and San Diego. By W. J. Palmer. Philadelphia, 1869. 8°. 250 pp. 2 maps.

*870** *Bell, W. A.* New tracks in North America. A journal of travel, etc., whilst engaged in the survey for a Southern railroad to the Pacific Ocean, 1867-8. With contributions by W. J. Palmer, etc. 2nd ed. London. 8°. lxix. + 565 pp. lithogr. pl. map, etc.

America, North, aborigines. *See* Anthropology, Ethnological (*America, North*). AP 4197

America, North, biography. *See* Biography, National (*American*). AD 436

AMERICA, NORTH: PACIFIC STATES. AR 94

*869** *Browne, J. R.* Resources of the Pacific slope . . . with a sketch of the settlement and exploration of lower California. New York, 1869. 8°. 2 pts.

*882/** *Hittell, J. S.* The commerce and industries of the Pacific coast of North America. 2nd ed. San Francisco, 1882. 4°. 819 pp. 28 pl. map.

AMERICA, SOUTH. AR 96

*798** *Helms, A. Z.* Tagebuch einer Reise durch Peru, etc. Dresden, 1798. 8°. 300 pp.

*798** —— Travels from Buenos Ayres by Potosi to Lima with notes by the translator—containing topographical descriptions of the Spanish possessions in South America. London, 1806. 12°. 299 pp. map.

*853** *U.S. Navy Dep't.* Exploration of the Valley of the Amazon. By W. L. Herndon and L. Gibbon. Washington, 1853. 8°. [Text] 2 pts. lithogr. pl. and 2 pts. maps.

*855** *U.S. Naval Astronomical Expedition.* Expedition to the southern hemisphere. By Lieut. J. M. Gillies and others. Washington, 1855–56. 4 vols. 4°.

1867. *Martin de Moussy.* L'Amérique centrale et l'Amerique mériodionale à l'Exposition, etc. *Paris Univ. Exhibition, 1867.* Rapports du Jury International. Classe 43. Sect. xiii. 1868. 8°. pp. 488–549. AB 867 p

Americans' lives. *See* Biography, National (*American*). AD 436

ANGLO-SAXON AND ENGLISH DICTIONARIES. AA 36

838 *Bosworth, J.* A dictionary of the Anglo-Saxon language. London, 1838. 8°. 930 pp. 1 pl. 1 table.

Animal products, Waste. *See* Waste products. AB 34

ANONYMS AND PSEUDONYMS (*General treatises*). AH 80

862** *Weller, E.* Index pseudonymorum. [Die maskirte Literatur der älteren und neueren Sprache. i. Enthüllte ii. Nichtenthüllte Pseudonymen. iii. Supplementum.] 2te Ausg. Mit Nachtræge, 1857-62 Leipzig, 1862. 8°. 3 pts. in one.

ANONYMS AND PSEUDONYMS (*France*). AH 85 f

862** *Manne, A. E. de.* Nouveau dictionnaire des ouvrages anonymes et pseudonymes la plupart contemporains. Nouv éd. Lyons, 1862. 8°. 410 pp.

869** *Quérard, J. M.* Les supercheries littéraires dévoilées. Galerie des écrivains français . . . déguisés, etc. 2e éd. par G. Brunet et P. Jannet. Paris, 1869-70. 3 vols. 8°.

872** *Barbier, A. A.* Dictionnaire des ouvrages anonymes. 3e éd. par O. Barbier, R. et P. Billard. [Tome 4. Anonymes Latins.] Paris, 1872-79. 4 vols. 8°.

Supplement to preceding work.

ANONYMS AND PSEUDONYMS (*Germany*). AH 85 g

830** *Kassmann, F.* Kurzgefasstes Lexicon deutscher pseudonymer Schriftsteller. Vorrede . . . von J. W. S. Lindner. Leipzig, 1830. 8°. 256 pp.

ANONYMS AND PSEUDONYMS (*Italy*). AH 85 i

848** *M[elzi], G.* Dizionario di opere anonime e pseudonime di scrittori italiani, o come che sia aventi relazione all' Italia. Milano, 1848-59. 3 vols. 8°.

ANTHROPOLOGY (*Bibliography*). AP 30

900* *International Catalogue of Scientific literature.* Section P. Physical anthropology, 1900, etc. London, 1903, etc. 8°.

ANTHROPOLOGY (*Collections*). AP 37

856* *Rolleston, G.* Scientific papers and discussions [1856-81]. Ed. W. Turner. Memoir by E. B. Tylor. Oxford, 1884. 2 vols. 8°.

871* *Geiger, L.* Contributions to the history of the development of the human race. From the 2nd German ed. by D. Asher. London, 1880 8°. 164 pp.

ANTHROPOLOGY, ETHNOLOGICAL. AP 41

749* *Recueil* d'observations, curieuses sur les mœurs, les coutumes, les usages . . . les arts et les sciences des différens peuples de l'Asie, de l'Afrique et de l'Amérique. [Par L'Abbé C. F. Lambert.] Paris, 1749. 4 vols. 12°.

849* *Pickering, C.* The races of man and their geographical distribution. London, 1849. 4°. 447 pp. 13 pl.

850* *Latham, R. G.* The natural history of the varieties of man. London, 1850. 8°. 6½ pp.

1860. *Latham, R. G.* Varieties of the human race. *Orr's* Circle of the Sciences. New ed. Vol. i. pp. 305-76. AC 75

1873. *Candolle, A. de.* Histoire [evolution] des sciences et des savants depuis deux siècles suivie d'autres études sur des sujets scientifiques en particulier sur la sélection dans l'espèce humaine. Genève. 8°. 439 pp. AC 56

ANTHROPOLOGY, ETHNOLOGICAL (*America, North*). AP 4197

880* *Smithsonian Institution: Bureau of Ethnology.* Reports. 1880-95. Washington, 1883-97. 16 vols. 8°.

Vol. i. wanting.

ANTHROPOLOGY, ETHNOLOGICAL (*Asia*). AP 415

834* *Royal Asiatic Society of Great Britain and Ireland.* Journal. London, 1834-81. 33 vols. 8°.

ARTHROPOLOGY, ETHNOLOGICAL (*China*). AP 4151

864* *Royal Asiatic Society.* Journal of the N. China Branch. 1864-67. Shanghai. No. 1-4. 8°.

ANTHROPOLOGY, ETHNOLOGICAL (*Indo-Malay Region*). AP 41504

847* *Journal of the Indian Archipelago and Eastern Asia.* Singapore, 1847-58. 12 vols. 8°.

Vol. i. imperfect.

ANTHROPOLOGY, ETHNOLOGICAL (*Japan*). AP 4152

875* *Asiatic Society of Japan.* Transactions. Vol. iv.-viii. Yokohama, 1875-80. 5 vols. 8°.

ANTHROPOLOGY, ETHNOLOGICAL (*Java, Sumatra*). AP 4192

*853** *Koninklijk Instituut voor de Taal-, Land-, en Volkenkunde van Nederlandsch Indië.* Bijdragen. s'Gravenhage, 1853-83. 30 vols. 8°.

—— —— Werken [3 and 8]. Amsterdam, 1853-58. 3 vols. 8°.

ANTHROPOLOGY, PREHISTORIC. AP 40

*867** *Brodie, J.* Papers offered for discussion at the meeting of the British Association at Dundee in reply to the speculations recently promulgated in regard to the antiquity and nature of man. Edinburgh, 1867. 8°. 116 pp.

1888. *Anderson, W.* Description of desiccated human remains [exhumed in the Sierra Madre Mountains]. 24 pp. 6 pl. *California State Mining Bureau.* Bulletin. No. 1. G 50 C : 888

*906** *Schweinfurth, G.* Deutsch-französisches Wörterverzeichnis der die Steinzeit betreffenden Literatur. Lexique français-allemand des termes employés dans la littérature traitant de l'age de la pierre. [Berlin], 1906. 2 vols. in one. 8°.

ANTHROPOLOGY: PRIMITIVE INDUSTRIES. AP 50

*847** *Boucher Crévecœur de Perthes, J.* Antiquités Celtiques et antédiluviennes. Mémoire sur l'industrie primitive et les arts à leur origine. Paris, 1847-64. 3 vols. 8°.

1852. *Morgan, L. H.* Report on the fabrics, inventions, implements and utensils of the Iroquois. *New York, University of.* Fifth annual report . . . on the condition of the State Cabinet of Natural History. 8°. B 14 N :

1878. *Dufrené, H.* Essai sur l'origine et les progrés de l'industrie. [An ethnological study.] *Lacroix, E.* Études sur l'Exposition de 1878. Vol. 1. pp. 1-44. 8°. AB 878 t

881 *Abbott, C. C.* Primitive industry; or illustrations of the handiwork in stone, bone and clay of the native races of the Northern Atlantic Seaboard of America. Salem, Mass., 1881. 8°. 567 pp.

895 *Mason, O. T.* The origins of invention: a study of industry among primitive peoples. London, 1895. sm. 8°. 419 pp.

896 *Pregel, T.* Die Technik im Alterthum. Eine kulturgeschichtliche Skizze. [*Beigabe zum* "Jahresbericht der Techn. Staatslehranstalten in Chemnitz," 1895-96.] Chemnitz, 1896. 4°. 54 pp.

ANTHROPOLOGY: PRIMITIVE INDUSTRIES. (*Fishing Methods*). AP 56 is

1880. *Mason, O. T.* Aboriginal American harpoons: a study in ethnic distribution and invention. *Smithsonian Inst.: U.S. National Museum Report*, 1900. pp. 189-304. 19 pl. B 13 S: 851 a

1884. *Rau, C.* Prehistoric fishing in Europe and North America. 360 pp. 1 pl. *Smithsonian Contr. to knowledge.* Vol. xxv. B 13 S: 851

ANTHROPOLOGY: PRIMITIVE INDUSTRIES (*Weapons*). AP 73 ea

1876. *Knight, E. H.* A study of the savage weapons at the Centennial Exhibition, Philadelphia, 1876. *Smithsonian Institution.* Reports. 1879. pp. 213-297. B 13 S: 851 a

1884. *Mason, O. T.* Throwing-sticks in the [U.S.] National Museum. *Smithsonian Institution.* Reports. 1884. Part 2. pp. 279-289. 17 pl. B 13 S: 851 a

1884. *Murdoch, J.* A study of the Eskimo bows in the U.S. National Museum. *Smithsonian Institution.* Reports. 1884. Part 2. pp. 307-316. 12 pl. B 13 S: 851 a

*891** *Ratzel, F.* Die Afrikanischen Bögen, ihre Verbreitung und Verwandtschaften. Nebst einem Anhang über die Bögen Neu-Guineas, der Veddah und der Negritos. [Excerpt.] 8°. 58 pp. 5 pl.

Antiquities. *See* Archæology.

ARABIC AND ENGLISH DICTIONARIES. AA 48

1852. *Johnson, F.* A dictionary, Persian, Arabic and English. London. 4°. 1,424 pp. AA 05

A dictionary of Arabic terms so far as these have been used in Persian literature.

890 *Salmoné, H. A.* An Arabic-English dictionary on a new system. [Vol. 2, English index.] London, 1890. 2 vols. 8°.

906 *Abcarius, J. J.* English-Arabic dictionary. 3rd ed. [London, 1906.] 8°. 1,061 pp.

Arabic Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96

ARCHÆOLOGY (*Bibliography*). AO 80

1816. A catalogue (i) of the printed books, (ii) of the MSS. in the library of the Society of Antiquaries of London. *Society of Antiquaries of London.* Archæologia. Index to vols. i.-xv. [Appendix.] AO 89

ARCHÆOLOGY (*Miscellany*). AO 84

*854** *Lower, M. A.* Contributions to literature, historical, antiquarian and metrical. London, 1854. 8°. 300 pp. Illus.

ARCHÆOLOGY (*Periodicals*). AO 89

*770** *Society of Antiquaries of London.* Archæologia. London, 1770–1857. 43 vols. 4°.

*820** *American Antiquarian Society.* Archæologia Americana. Transactions and Collections. Worcester, Mass, etc., 1820–60. 4 vols. 8°.

*833** *Graphic and historical illustrator:* an original miscellany of literary, antiquarian, and topographical information. Ed. E. W. Brayley. Vol. i. [Nos. i.–vi. *all publ.*] London, 1833–34. 4°.

*845** *British Archæological Association.* Journal. London, 1845–57. 13 vols.

*860** *Reliquary.* Vol. 1–26. London, 1860–86. 26 vols. 8°.

*880** *Antiquary.* Vol. 1–14. London, 1880–86. 14 vols. 4°.

ARCHÆOLOGY, GENERAL AND COMPARATIVE. AO 85

*785** *Recherches* sur l'origine, l'esprit, et les progrès des arts de la Grèce; sur leur connexion avec les arts et la religion des plus anciens peuples connus; sur les monumens antiques de l'Inde, de la Perse, du reste de l'Asie, de l'Europe et de l'Egypte. [Par P. F. Hugues d'Hancarville.] Vols. 1 and 2 only. Londres. *B. Appleyard*, 1785. 2 vols. 4°.

*841** *Müller, C. G.* Manuel d'archéologie. Traduit de l' Allemand par P. Nicard. Paris, 1841–42. 2 vols. in three. 18°. and obl. 8°. atlas.

843 *Fosbroke, T. D.* Encyclopedia of antiquities and elements of archæology, classical and mediæval. New ed. London. 2 vols. 8°.

*847/** [*Cahier, C.*, and *Martin, A.*] Mélanges d'archéologie, d'histoire, et de littérature. Mémoires sur l'orfévrerie et les émaux des trésors d' Aix-la-Chapelle, etc.; sur les miniatures et les anciens ivoires sculptés de Bamberg, etc.; sur des étoffes Byzantines, etc.; sur des peintures et bas-reliefs mysterieux de l' époque Carlovingienne, etc. Paris, 1847–56. 4 vols. 4°.

[1856–81.] *Rolleston, G.* Scientific papers and addresses. Ed. W. Turner. Memoir by E. B. Tylor. Oxford, 1884. 2 vols. 8°. AP 37 : 857*

Archæology, Local. *See* under place names, subhead (*Antiquities*).

Architectural literature, classification. *See* Book Classification. AN 51 rc

ARGENTINE REPUBLIC. AR 998

870* *Rickard, F. I.* The mineral and other resources of the Argentine Republic in 1869. Published by authority. London, 1870. 8°. 332 pp.

878* *Cordova: Exposicion Nacional, etc.* Boletin. Buenos Aires, 1869–73. 7 vols. 8°.

Vol. 1–3 contain a general report; 4, general catalogue of exhibits; 5–7, 17 memoirs for the component provinces.

878* —— Supplement to Catalogue. 1871. 8°. 82 pp.

908* *Manchester Univ.* The Argentine as a market. By N. L. Watson. (*Gartside Report . . . No.* 6.) Manchester, 1908. 8°. 64 pp. 1 pl.

ART OBJECTS, CHEMICAL ANALYSES. AO 90

1849. *Chevreul, M. E.* Recherches chimiques sur plusieurs objets d'archéologie trouvés dans le Département de la Vendée. *Acad. des Sciences, Paris.* Mémoires. [Nouv. Collection.] Tome 22. B 28 : 666

852 *Girardin, J. P. L.* Analyse de plusieurs produits d'art d'une haute antiquité. [Excerpt.] 1852–60. 4°. pp. 86–103.

892 *South Kensington Museum.* Report on the analysis of various examples of Oriental metal-work, etc. By A. Wingham. London, 1892. 8°. 54 pp.

1906. *Berthelot, M. P. E.* Archéologie et histoire des sciences. Paris. 4°. 377 pp. (32,690)

Section 1 contains analyses of metals, etc. of oriental and mediæval remains, and includes notes of the processes of change brought about by time in respect of these objects.

ARTS AND MANUFACTURES (*Bibliography*). AB 10

764** *Bure, G. F. de.* Bibliographie instructive: ou traité de la connoissance des livres rares et singuliers. Vol. de la jurisprudence et des arts et sciences. Paris, 1764. 8°. 800 pp.

828 *Ersch, J. S.* Literatur der Mathematik, Natur- und Gewerbs- kunde mit Inbegriff der Kriegs-Kunst und anderer Künste, ausser den schönen, etc. [1750–1828]. Neue Ausg. von. F. W. Schweigger-Seidel. Aus der neuen Ausg. des Handbuchs der deutschen Literatur besonders abgedruckt. Leipzig, 1828. sm. 8°. 1,740 cols.

ARTS AND MANUFACTURES (*Bibliography*)—continued.

834 *Engelmann, W.* Bibliotheca mechanico—technologica [c. 1750] bis zu Anfang des Jahres 1834. Nebst einem Materien-Register. Leipzig, 1834. 8°. 326 pp.

861 *André, K.* Literatur der Gewerbkunde seit den letzten zwölf Jahren (1849-60). Prag, 1861. 8°. 64 pp.

An author list of German works, with subject index.

865 *Baldamus, E.* Die literarischen Erscheinungen . . . 1850-64 a. d. G. der Gewerbskunde, alphabetisch und systematisch geordnet. Prag, 1865. 8°. 175 pp.

889 *Britannia Company.* Buyers' guide to technical books in the mechanical arts. [Annotated list]. Colchester, 1889? 8°. 32 pp. 33-160 Advts.

898 *Seydel, A.* Führer durch die technische Litteratur. Berlin, 1898, etc. 7 parts in one. sm. 8°.

Each part is entered under its subject.

904 *Greenwood, E.* Classified guide to technical and commercial books. A subject list of the principal British and American works in print. London, 1904. 8°. 227 pp.

ARTS AND MANUFACTURES (*Bibliography: Library Catalogues—England*). AB 11

*PO: 856*** *Patent Office (Library).* Catalogue of books [chiefly of the Woodcroft collection] in the library, etc. London, 1856. 8°. 44 pp.

Only 20 copies printed.

*858/*** —— The same. 2nd copy with MS. notes.

*PO: 857*** —— In two parts (Titles and Index). London, 1857-58. 2 vols. 8°.

Prepared on the plan of Crestadoro's Manchester Library Catalogue.

*PO: 881*** —— Arranged alphabetically. Vol. 1, Authors. Vol. 2, Subjects. London, 1881-83. 2 vols. 8°.

PO: 898 —— Vol. 1. Authors. London, 1898. 4°.

For Subject Catalogue, *see* Patent Office Library (Subject Lists).

Sa: 828 *Society of Arts.* Catalogue of the Library of the Society . . . of Arts, etc. London, 1828. 8°. 151 pp.

ARTS AND MANUFACTURES (*Bibliography : Library Catalogues—Continental*). AB 12

Ai : 872 *Aix la Chapelle. Kgl. Technische Hochschule.* Katalog der Bibliothek. [Nachtrag 1, 1872-78 ; 2, 1879-98 ; 3, 1898-99 ; 4, 1900-1903.] Aachen, 1872, etc. 8°.

Be : 866 *Kgl. Gewerbe—Institut zu Berlin.* Katalog der Bibliothek. [Nachtrag 1.] Berlin, 1866-67. 8°. 379 pp.

Br : 895 *École Industrielle de Bruxelles.* Catalogue de la Bibliothèque Technologique [Supt.] Bruxelles, 1895, etc. 2 pts. 8°. *In progress.*

Dr : 863 *Kgl. Polytechnische Schule zu Dresden.* Katalog der Bibliothek, etc. [Abt. 1—XI, followed by Katalog der Bibliothek der Kgl. Baugewerkenschule zu Dresden.] Dresden. [1863] 1864. 8°. 12 pts.

*Ge : 880*** *German Empire, Kais. Patent Amt.* Katalog der Bibliothek. Berlin, 1880. 8°. 156 pp.

*Ge : 880*** —— Same. Berlin, 1896. 8°. 758 pp.

*Ge : 880*** —— Same. Berlin, 1900. 8°. 1,113 pp.

*Ge : 880*** —— —— Nachtrag 1, etc. Berlin, 1901, etc. 8°. Annual supplement.

Ha : 868 *Hanover. Kgl. Polytechnische Schule.* Katalog der Bibliothek. [Nachtrag.] Hannover, 1868-77. 2 pts. 8°.

Hu : 906 *Hungary. Kir. Szabadalmi Hivatal.* Könyvtárának Czimjegyzéke. Budapest, 1906. 8°. 123 pp.

Rl : 895 *Riga. Polytechnische Schule.* Katalog der Bibliothek. 2te Aufl. Riga, 1895. 8°. 818 pp.

Wi : 901 *Vienna. K. K. Technische Hochschule.* Systematischer Katalog der Bibliothek. Heft 1-14 (Gruppe 1-21). Schematische Ueber Sicht und Sach-Register, etc. Gruppe 1. Wien, 1901-1907. 15 pts. 8°.

Wu : 874 *Württemberg. Kgl. Centralstelle für Gewerbe, etc.* Katalog der Bibliothek. 2te Aufl. (1848-73.) Stuttgart, 1874. sm. 8°. 736 pp.

Zu : 896 *Zurich. Eidg. Polytechnikum.* Katalog der Bibliothek. 6te Aufl. Zürich, 1896. 8°. 812 pp.

—— —— —— *: Library Catalogues—United States*). AB 13

PO : 878 *U.S. Patent Office.* Catalogue of the library, etc. Washington, 1878. 8°. 717 pp.

PO : 878 —— Catalogue of additions to the library, etc. 1878-83. Washington. 8°. 452 pp.

ARTS AND MANUFACTURES (*Bibliography : Indexes to Periodicals*).
AB 15

801 *Cotte, L.* Vocabulaire portatif des mécaniques, ou définition, description abrégée et usage des machines, instrumens et outils employés dans les sciences, les arts et les métiers ; avec l'indication des ouvrages ou se trouve leur description plus détaillée. [With alphabetical list of the "Arts et Métiers" and other publications of the French Academy.] Paris, an ix. [1801.] 16°. 606 pp.

1848-70. *Alphabetisches Sachregister der wichtigsten technischen Journale.* Hrsg. D. Philipp. Jan. 1848 - Dez. 1869. Berlin. 44 pts. sm. 8°.

Half-yearly publication.

856 *Repertorium der technischen* [*Journal-*] *Literatur-.* 1823, etc. Berlin, 1856, etc. 8°.

1823-53, by E. L. Schubarth ; 1854-68 and 1869-73, by B. Kerl. Continued annually from 1874 ; since 1876 published under the authority of the Imp. Patent Office, in Berlin. Since 1892 the headings and indexes have appeared in German, French, and English.

—— —— Subject matter index to the published inventions of all nations. 1823-53 incl. [English translation of headings with references to corresponding headings in English Patent Office subject matter indexes.] London, 1856. 8°.

Prefixed to vol. i. of the preceding work.

864 *Verein "Hutte."* Sachregister technischer Journale. Jahrg. 1-2, 1863-64. Berlin, 1864-65. 2 vols. sm. 8°.

867 *Patent Office* (*Library*). Index to foreign scientific periodicals. Vol. 1-7. London, 1867-76. 8°.

Weekly journal publishing contents-lists of foreign scientific serials with author and subject indexes to each volume.

868 *Repertorium der technischen mathematischen und naturwissenschaftlichen Journal - Literatur.* Hrsg. F. Schotte. Jahrg. 1-3 [1868-71]. Leipzig, 1869-71. 8°.

Monthly publication with general index.

1871. *Technische Neuigkeiten.* No. 1-8. Wien. fol. C 39/871

903 *Index to the Technical Press* [*Now* "Revue de l'Ingénieur et Index Technique"]. Vol. 1, 1903, etc. London. 8°.

Monthly class list arranged on the Dewey Decimal System.

773 *Jaubert, P.* Dictionnaire raisonné universel des arts et métiers, contenant l'histoire, la description, la police des fabriques et manufactures de France et des pays étrangers. Nouv. éd. Paris, 1773. 5 vols. sm. 8°.

Tome 5 consists of a vocabulary of technical terms, *followed by* a 'Table historique' or index to passages of historical interest in the preceding vols.

801 *D*** [i.e. H. G. Duchesne.]* Dictionnaire de l'industrie, ou collection raisonnée des procédés utiles dans les sciences et dans les arts. 3e éd. Paris, An ix. [1801]. 6 vols. 8°.

1st ed. (1775), 3 vols. This edition contains useful references to 18th century periodicals.

813* *Martin, T. [pseud. i.e. John Farey].* The circle of the mechanical arts. Containing practical treatises on the various manual arts, trades, and manufactures. London, 1813. 4°. 623 pp. 37 pl. (? should be 41).

818 —— The same. 2nd ed. London, 1818. 4°.

A reprint of the 1st edition.

822 *Dictionnaire* technologique, ou nouveau dictionnaire universel des arts et métiers, et de l'économie industrielle, etc. Paris, *Thomine & Fortic*, 1822-35. 22 vols. 8°, and 2 vols. 4°.

Chief contributors: Francœur, Molard, Lenormand, Robiquet, and Payen.

825 *Hamilton, W.* A handbook; or concise dictionary of terms used in the arts and sciences. London, 1825. 8°. 458 pp.

828 *Jamieson, A.* A dictionary of mechanical arts, manufactures, and miscellaneous knowledge. 6th ed. London, 1828. 4°. 1074 pp. 70 pl.

830 *Prechtl, J. J.* Technologische Encyclopädie; oder, alphabetisches Handbuch der Technologie, der technischen Chemie und des Maschinenwesens. [Supplement 1-5; 1857-69.] Stuttgart, 1830-69. 25 vols. 8° and 5 vols. obl. 4° atlas.

Vol. 25 contains a general index, 1-25.

833 *Baudrimont, A. E. and others.* Dictionnaire de l'industrie manufacturiére, commerciale et agricole. Paris, 1833-43. 10 vols. 8°.

833 *Phillips, Sir R. A.* Dictionary of the arts of life and civilization. London, 1833. 12°. 14 pp. 1372 cols. pl.

836* *Hebert, L.* The engineer's and mechanic's encyclopædia. London, 1836. 2 vols. 8°.

ARTS AND MANUFACTURES (*Dictionaries*)—continued.

839* *Ure, A.* A dictionary of arts, manufactures, and mines. London, 1839. 8°. pp.

843* —— Recent improvements in arts, etc., being the 2nd ed. of a supplement to the 3rd ed. of his dictionary. London, 1846. 8°.

851 *Knight, C.* Knight's cyclopædia of the industry of all nations. [Ed. G. Dodd.] London, 1851. 8°. 24 pp. 1810 cols. 37 pl.

851* —— Dictionary of arts, commerce, and manufactures [Ed. G. Dodd.] London, [1851 ?] 8°. 24 pp. 1806 cols. 37 pl.

Reissue of preceding work.

853* *Laboulaye, C. P. L.* Encyclopédie technologique. Dictionnaire des arts et manufactures. [2e éd.] Paris, [1853-57]. 2 vols. 8°.

853* —— Complément. Paris. [1859-] 1861. 8°.

853* *Ure, A.* A dictionary of arts, manufactures, and mines. 4th ed. London, 1853. 2 vols. 8°.

854* *Karmarsch, K.*, and *Heeren, F.* Technisches Wörterbuch. oder Handbuch der Gewerbkunde, etc. 2te Aufl. Prag, 1854-57. 3 vols. 8°.

854* *Tomlinson, C.* Cyclopædia of useful arts, etc. London. [1854]. 2 vols. 8°.

1858. *Bernoulli, C.* Technologische Hand - Encyklopädie. 239 pp. *Neu.* Neue Encyklopädie der Wissenschaften, etc. 2te Aufl. Band iii. 8°. AC 25

860 *Hebert, L.* The engineer's and mechanic's encyclopædia. New ed. London, [1860]. 2 vols. 8°.

860* *Ure, A.* A dictionary of arts, manufactures, and mines. 5th ed., by R. Hunt. London, 1860. 3 vols. 8°.

866 *Tomlinson, C.* Cyclopædia of useful arts, mechanical and chemical, manufactures, mining and engineering. [Vol. 3, Appendix.] London, 1866. 3 vols. 8°.

867* *Ure, A.* A dictionary of arts, manufactures, and mines. 6th ed., by R. Hunt. London, 1867. 3 vols. 8°.

873* *Laboulaye, C. P. L.* Encyclopédie technologique. Dictionaire des arts et manufactures et de l'agriculture. 4e éd. 2e tirage. [Complément.] Paris, [1873-75] 1877. 4 vols. 8°.

873 —— —— 6e éd. [a reissue of the 4th ed. in 1877]. Paris, 1886. 4 vols. 8°.

With Engl.-Germ. equivalents.

875 *Ure, A.* Dictionary of arts, manufactures, and mines. 7th ed., by R. Hunt, etc. [Supplement.] London, 1875-78. 4 vols. 8°.

ARTS AND MANUFACTURES (*Dictionaries*)—continued.

876 *Karmarsch, K.*, and *Heeren, F.* Technisches Wörterbuch. 3te Aufl. von F. Kick und W. Gintl. Prag, 1876-92. 11 vols. 8°.

Contains English-French equivalent technical terms.

878* *Lacroix, E.* Dictionnaire industriel à l'usage de tout le monde. [Avec la traduction anglaise et allemande des mots techniques.] Paris, [1878]. 2 vols. sm. 8°.

878 —— Technologie générale. Dictionnaire industriel à l'usage de tout le monde. Sciences, arts et métiers, etc. Avec la traduction anglaise et française des mots techniques. 5e éd. Saint Denis [1878]-1892. 4 vols. sm. 8°.

Tome 1-2 are a reissue of the 1878 ed. Tome 3-4 supplement.

878 *Pareto, R.*, and *Sacheri, G.* Enciclopedia delle arti e industrie. Torino, 1878-1902. 6 vols. in nine. l. 8°.

Work gives Fr., Germ., Engl. and Spanish equivalents.

879 *Spon, E. & F. N.* Encyclopædia of the industrial arts, manufactures, and commercial products. Div. 1-5. London, 1879-82. 8°.

Pagination continuous throughout the 5 parts.

881 *Lami, E. O.*, and *Tharel, A.* Dictionnaire encyclopédique et biographique de l'industrie et des arts industriels. [Tome 2-8 par E.O. Lami.] Paris, 1881-88. 8 vols. 4°.

883 *Brelow, G., and others.* Technologisches Lexikon für Gewerbtreibende und Industrielle. Band i., Chemische Technologie. Von O. Dammer. Band ii., Mechanische Technologie und Maschinen-kunde. Von G. Brelow und E. Hoyer. Leipzig, 1883. 2 vols. sm. 8°.

In two alphabets.

889 —— *Lacroix, E.* Technologie générale. Grand dictionnaire industriel, etc. A (all publ.). Paris, [1889]. fol.

An enlarged edition of the work published 1878-92. q.v.

894 *Lueger, O.* Lexikon der ges. Technik und ihrer Hilfswissenschaften. Stuttgart, [1894-99]. 7 vols. 8°.

899 *Lefèvre, J.* Dictionnaire de l'industrie. Paris, 1899. 8°. 930 pp.

900 *Andés, L. E.* Technologisches Lexikon. Wien, etc. [1900]. 8°. 956 pp.

903 *Björling, P. R.*, and *Gissing, F. T.* The technical dictionary-cyclopædia. Part 1 (all publ.). London, 1903. 4°.

904 *Goodchild, G. F.*, and *Tweney, C. F.* A technological and scientific dictionary. London, 1904-6. 8°. 882 pp.

ARTS AND MANUFACTURES (*General treatises*). AB 28

754* *Select* essays on commerce, agriculture, mines, fisheries, etc. [From the *Journal Œconomique.*] London, 1754. 8°. 520 pp.

761/ *Académie des Sciences, Paris.* Description des arts et métiers, etc. Paris, 1761–82. Bound in 27 vols. fol.

Each treatise entered separately both in author and subject catalogue.

811* *Marcassus de Puymaurin, A. de.* Mémoires sur differens sujets relatifs aux sciences et aux arts. Toulouse, 1811. 8°. 102 pp.

820* *History.* A history of useful arts and manufactures. London, *W. Wetton* [1820?]. 12°. 175 pp.

820* —— The same. Another ed. Dublin, *C. Bentham*, 1825. 12°. 180 pp.

Contains a few wood-cuts not in the London edition.

825* *Cabinet* (The), of useful arts and manufactures. Dublin, *Bentham and Gardiner*, 1825. 16°. 190 pp. 1 pl.

Chapbook.

833 *Francœur, L. B.* Élémens de Technologie; ou, description des procédés des arts et de l'économie domestique. Paris, 1833. 8°. 472 pp. 7 pl.

836* *Barlow, P.* Treatise on the manufactures and machinery of Great Britain. Prefixed, an introductory view of the principles of manufactures by C. Babbage. Forming a portion of the "Encyclopædia Metropolitana." London, 1836. 4°. 842 pp. 87 pl.

836 —— [Same. Re-issued as] The encyclopædia of arts, manufactures and machinery. Prefixed, an introductory view of the principles of manufactures by C. Babbage. London, 1848. 4°. 841 pp. 87 pl.

846/ *Pictorial* gallery of arts. Vol. 1. Useful arts. London, *C. Knight* [1846]. fol. 395 pp.

848 *Society for promoting Christian Knowledge.* The useful arts and manufactures of Great Britain. Parts i–ii. London, 1848 [—?]. 2 vols. 12°.

A collection of papers with separate paginations.

850* *Wilson, T.* The second catechism of common things. Articles of manufacture, etc. London [1850?]. 12°. 71 pp.

851 *Ward, J.* The world in its workshops [on the exhibits at the Exhibition of 1851]. London, 1851. sm. 8°. 284 pp.

1858–59. *Baker, T.* Elements of mechanism. 2nd ed. [Chap. viii., Sugar manufacture; Chap. x., Production of salt glazed stone ware, and Bristol ware.] London. 12°. 263 pp. 5 pl. (35,321)

ARTS AND MANUFACTURES (General treatises—continued.

866 *Society for Promoting Christian Knowledge.* Illustrations of useful arts, manufactures, and trades. By C. Tomlinson. London. [1858]. 4°. 126 pp.

866 *Wagner, J. R.* Theorie und Praxis der Gewerbe. Hand- und Lehrbuch der Technologie. Leipzig, 1858-64. 5 vols. 8°. and index.

869 *Knight, C.* Knowledge is power: a view of the productive forces of modern society, and the results of labour, capital, and skill. 2nd ed. London, 1859. sm. 8°. 433 pp. 24 pl.

Written in form of a treatise on economics.

869* *Bleekrode, S.* Opus posthumum, bevattende den laatsten arbeid aan het Nieuw Tijdschrift gewijd aan alle takken van volksvlijt, nijverheid, landbouw, mijnwesen, handel, spoorwegen, telegraphie en scheepvaart. [Edited by his son.] Rotterdam, 1862. 8°. 96 pp. 7 pl.

869 *Stumm, F.* Die Gewerbekunde, etc. Ein Rathgeber bei der Wahl und Ausübung der Gewerbe, etc. Pest, 1865. 2 vols. in one. 8°.

869* *Allen, W. C.* Report . . . on manufactures of a similar kind to those of Birmingham, at the International Exhibition of Paris, 1867. With remarks, etc. Birmingham, 1867. 8°. 90 pp.

[1867] *Renard, F. A. P.* Machinery and processes of the industrial arts and apparatus of the exact sciences. [3] pp. 8 pl. *Paris Universal Exhibition, 1867: U.S. Comm. Reports.* Vol. iii. 8°. AB 867 sb

— — Same. New York, 1868. 8°. (14,013)

[1867] [illegible] Die Civilisation und der [illegible] Fortschritt. *Paris Univ. Exhibition, [illegible] Berichte.* Heft I. pp. 1-263. 1868. 8°. AB 867 sm

[illegible] Illustrations [illegible] Tomlinson. London. [illegible]. 4°. [illegible]

[illegible] 1868 [illegible]

[illegible] [illegible] 4°. [illegible] pp.

[illegible] [illegible] manufactures similar [illegible] Birmingham at the Universal Exhibition [illegible] Paris. With remarks, etc. London. [illegible]

ARTS AND MANUFACTURES (*General treatises*)—continued.

873 *Figuier, G. L.* Les merveilles de l'industrie ou, description des principales industries modernes. Paris, [1873-76]. 4 vols. 8°.

879 *Stiges, J. B.* Tecnologia popular de industria, artes y oficios. Madrid, 1879. 8°.
Wants pp. 113-60.

880 *Wylde, J.* Industries of the world. A complete course of technical education. London, [188 ?]. 2 vols. 8°.

881 *Watt, A.* Mechanical industries explained. Edinburgh, 1881. sm. 8°. 211 pp.

896 *Vogt, J. C.* Die illustrierte Welt der Erfindungen. Leipzig, 1896-97. 5 vols. 8°.

902 *Figuier, G. L.* Le savant du foyer, notions scientifiques sur les objets usuels de la vie. Nouv. éd., par D. Bellet. Paris, 1902. 4°. 312 pp.

1907. *Prouvé, V.* L'art et l'industrie. *Soc. Indust. de l'Est.* Bulletin. No. 49. pp. 1-40. B 77 : Es

908 *Girard, A. L.*, and *Pécheux, H.* Les produits industriels. [17, Corps gras.; 18, Le cuir, les os, l'ivoire, cornes, écailles, nacre et perles, corail; 19 textiles, tissus, papier; 20 Caoutchouc, etc. Résines, vernis.] Paris, 1908. sm. 8°. 4 pts. *With separate pagination.*

Arts and Manufacturers (*history*). *See* Inventions and Origins. AB 55

Arts and Manufactures, Chemical. *See* Library Series, No. 6. Chemistry and Chemical Technology.

Arts and Manufactures: Periodicals and Society publications. *See* "Class List and Index of Periodical Publications," Library Series, No. 8. 2nd ed., 1906. B 51-C 59

ARTS AND MANUFACTURES: MECHANICAL TECHNOLOGY (*Dictionaries*). AB 30

855 *Appleton, D.* Dictionary of machines, mechanics, engine-work, and engineering. Ed. O. Byrne. New York, 1855. 2 vols. 8°.

856 *Cresy, E.* An encyclopædia of civil engineering. New ed. with supplement. London, 1856. 8°.

869 *Spon, E.* and *F.* Dictionary of engineering, civil, mechanical, military, and naval. With technical terms in French, German, Italian and Spanish With supplement. London, 1869-81 11 vols. 8°.

ARTS AND MANUFACTURES: MECHANICAL TECHNOLOGY (*Dictionaries*)—continued.

875 *Knight, E. H.* Knight's American mechanical dictionary; being a description of tools, instruments, machines, processes, and engineering; history of inventions; general technological vocabulary and digest of mechanical appliances in science and the arts. Vols. i-iii. Vol. iv., supplement [With index references to technical journals, 1876-80]. New York and London, 1875-84. 4 vols. 8°.

892 *Benjamin, P.* Modern mechanism, exhibiting the latest progress in machines [of all kinds], motors and the transmission of power. London, 1892. 930 pp. 8°.

906 *Horner, J. G.* The encyclopædia of practical engineering and allied trades. London. [1906, etc.]. vols. 8°. *In progress.*

ARTS AND MANUFACTURES: MECHANICAL TECHNOLOGY (*General treatises*). AB 31

677** *Moxon, J.* Mechanic exercises, or the doctrine of handy works. London, 1677-83. 2 vols. sm. 4°.

677** —— Same. 2nd ed. Vol. 1. London, 1693-94. sm. 4°.

677** —— Same. [Vol. 3, No. 1.] London, 1700. sm. 4°.

677** —— Same. 3rd ed. [Vols. 1 & 3]; also mechanick dyalling. 4th ed. London, 1703. sm. 4°.

Edition of the above entered separately in subject catalogue.

863 *Kronauer, J. H.* Atlas für mechanische Technologie. Mit Erklärungen [i. Spinnerei und Weberei. Papierfabrikation; ii. Metall — und Holzverarbeitung]. Hannover, 1863. Text, 2 vols. in one, 8°, and 2 vols. 4°, atlas (folded to 8°.)

866* *Karmarsch, K.* Handbuch der mechanischen Technologie. 4te Aufl. Hannover, 1866-67. 2 vols. 8°.

1867. *Callon, C.*, and *Kohn, F.* Machines and instruments et procédés usités dans divers travaux. *Paris Universal Exhibition. 1867.* Rapports du Jury International Classe 60. 1868. 8°. pp. 295-312. AB 867 p

1867. *Beaumont, F.* Report on machines, instruments and processes used in various works (matchmaking, tobacco, money presses, hook-making, etc.) *Paris Universal Exhibition, 1867: British Comm.* Reports. Vol. iv., 1868. 8°. AB 867 sa

1875. *Thurston, R. H.* Report on machinery and manufactures. *Vienna Univ. Exhibition, 1873: U.S. Comm.* Report, Vol. iii. 8°. AB 873 sb

ARTS AND MANUFACTURES: MECHANICAL TECHNOLOGY (*General treatises*)—continued.

875* *Hoyer, E.* Lehrbuch der vergleichenden mechanischen Technologie. [Verarbeitung der Metalle und des Holzes, Spinnerei, Weberei, Papier-Fabrikation.] Wiesbaden, [1875-]1878. 8°. 916 pp.

888 *Karmarsch, K.* Handbuch der mechanischen Technologie. 6te Aufl. von H. Fischer.

Contents.

Bd. i. Allgemeine Grundsätze und Mittel des mechanischen Aufbereitens (Allgemeine mechanische Technologie).

Bd. ii. Abt. 1. Die Bearbeitung der Metalle. Abt. 2. Die Bearbeitung der Hölzer, des Hornes. Abt. 3. Die Bearbeitung der Steine, Glas und Thonwaaren.

Bd. iii. Abt. 1. Die Spinnerei. Abt. 2. Die Weberei (Wirkerei, Stickerei). Abt. 3. Die Müllerei. Abt. 4. Die Herstellung des Papieres.

Leipzig, etc., 1888, etc. 8°. *In progress.*

895 *Kraft, M.* Grundriss der mechanischen Technologie . . . Nach der 2ten Aufl. des "Lehrbuches der vergleichenden mechanischen Technologie" von E. von Hoyer. Abt. 2. Die Spinnerei, Weberei und Papierfabrikation. 2te Aufl. Wiesbaden, 1895. 8°. 249 pp. 4 pl.

895 *Garuffa, E.* Tecnologia delle industrie meccaniche.

Contents.

Vol. i. Principii generali. Lavorazione dei metalli, 1895.

Vol. ii. Lavorazione dei metalli, 1896.

Vol. iii. Lavorazione dei legnami. Lavorazione delle pietre, del vetro e delle argille (stoviglie, porcellane, mattoni, etc.).

Milano, 1895-98. 2 vols. in three. 8°.

897 *Kraft M.* Grundriss der mechanischen Technologie. Nach der 2ten Aufl. des "Lehrbuches der vergleichenden mechanischen Technologie von E. von Hoyer. Abt. 1. Die Verarbeitung der Metalle und des Holzes. 3te Aufl. Wiesbaden, 1897. 8°. 318 pp.

897 *Hoyer, E. von.* Lehrbuch der vergleichenden mechanischen Technologie. 3te Aufl. i, Verarbeitung der Metalle und des Holzes; ii. Verarbeitung der Faserstoffe (Spinnerei, Weberei, Papierfabrikation). Wiesbaden, 1897-1900. 2 vols. 8°.

Arts and manufactures of primitive man. *See* Anthropology: Primitive industries. AP 50

Arts and manufactures, terminology. *See* under names of languages (*Div. g. Technical Terms*). AA 1-96; Technical Dictionaries. AA 97-98

Arts and Sciences (*Dictionaries*). *See* Encyclopædias. AB 25

ASIA. AR 60

*712*** *Kaempfer, E.* Amœnitates exoticæ politico-physico-medicæ . . . in quibus continentur variæ relationes . . . rerum Persicarum et ulterioris Asiæ. Lemgo 1712. 4°. 964 pp. 12 pl.

ASIA: EASTERN (*Bibliography*). AR 6599 a

904 *U.S. Congress* (*Library*). Select list of books (with references to periodicals) relating to the Far East. Compiled under the direction of A. P. C. Griffin. Washington, 1904. 8°. 74 pp.

Asia, ethnology. *See* Anthropology, Ethnological (*Asia*). AP 415

ASSAM: INDUSTRIES. AR 6921 1

896 *Assam* (*Gov't.*). Notes on some industries of Assam, from 1884–1895. Shillong, 1896. 8°. 135 pp.

ATLASES: GEOGRAPHICAL. AQ 61

869 *Stieler, A.* Hand-atlas über alle Theile der Erde und über das Weltgebäude. Gotha, 1869. fol. 84 maps.

890 *Bartholomew, J.* Library reference atlas of the world. With index of 100,000 places. London, 1890. fol. 84 maps.

894 *Johnston, A. K.* The Royal atlas of modern geography. New ed. by T. B. Johnston. Edinburgh, 1894. fol. 56 maps.

ATLASES: TOPOGRAPHICAL. AQ 95

*612/** *Braun, G.*, and *Hogenberg, F.* Civitates orbis terrarum. Cologne, 1612–18. 6 vols. in three. fol.

*700/** *Fer, N. de.* L'atlas curieux, ou le monde réprésenté dans les cartes . . . et orné par des plans et descriptions des villes capitales, etc. Paris [1700–] 1705. 2 vols. in one. obl. fol.

AUSTRALIA. AR 21

*882** *Australian International Exhibitions.* Report of the Royal Commission for the Australian International Exhibitions. [Sydney, 1879, Melbourne, 1880]. London, 1882. 8°. 491 pp.

AUSTRO-HUNGARY. AR 56

782* *Hermann, B. F. J. von.* Abriss der physikalischen Beschaffenheit der Oesterr. Staaten und des gegenwärtigen Zustandes der Landwirthschaft, Gewerbe, etc. [St. Petersburg], 1782. 8°. 364 pp.

1792-3. *Zöllner, J. F.* Briefe über Schlesien, Krakau Wieliczka, und die Grafschaft- Glatz auf einer Reise in Jahr 1791. Berlin. 2 vols. 8°. AR 4715*

AUSTRO-HUNGARY : INDUSTRIES. AR 56 1

862* *London International Exhibition: Austrian Comm.* Austria at the Internat. Exhibition, etc. By J. Arenstein. Vienna, 1862. 8°. 169 pp.
Printed on Indian corn paper.

862* *London International Exhibition. [Austria].* Gedenkbuch, etc. (Separat-heft zu den Verh. des N. O. Gewerbe-Vereins). Wien, 1862. 8°. 81 pp.

867* *Paris Universal Exhibition: Austrian Comm.* Katalog der Oesterr. Abt. 2te Aufl. Wien, 1867. 8°. 284 pp. plan.

889* *Paris Universal Exhibition: Austrian Comm.* Spezial Katalog der Oesterr.- Ungarischen Section, etc. von M. Dubsky. Paris, 1889. 8°. 61 pp.

Austro-Hungary, Inventions. *See* Inventions, Local (*Austro-Hungary*). AB 6436

Author Bibliography. *See* Biography (*of single lives*) AD 60-62

Authors, lives and writings, critical digests. *See* Bibliography, National AG 10-99 (Div. *a* Bio-bibliographical digests).

Autobiographies. *See* Biographies (*of single lives*) AD 60-62

AUTOGRAPHS. AD 99

—— Collection of autographs [mainly collected from books previous to binding or re-binding]. fol. AD 99/**

Autograph letters of inventors and scientific men. 1676, etc. fol. AD 995/**
Entered also under subjects.

BAKEWELL CHURCH. AR 43346 j

851* *Plumptre, F. C.* An account of the parish church of Bakewell, in Derbyshire, and of the early gravestone discovered, etc. Bakewell. 8°. 8 + 22 pp. Illus.

BARBADOS. AR 9768

657** *Ligon, R.* . . . History of the Island of Barbados. With map, etc. Together with the Ingenio that makes the sugar with the . . . whole processe of sugar-making. London, 1657. fol. 134 pp. map. 9 plates.

BASS ROCK. AR 44727

848* *McCrie, T. and others.* The Bass Rock; its civil and ecclesiastic history, geology, martyrology, zoology and botany. Edinburgh, 1848. 8°. 2 pts. in one. 8 pl.

BATH. AR 43451

782* *New.* The new Bath guide, or useful pocket companion New ed. Bath, *N. Cruttwell.* 1782. 12°. 80 pp 6 pl.

BATHS OF TITUS. AR 356 ib

822/* *Romanis, A. de.* Le antiche Camere Esquiline, dette comunemente delle Terme de Tito, disegnate ed illustrate. Roma, 1822. fol. 62 pp. 9 pl.

BAVARIA: FICHTELGEBIRG. AR 4743

716* *Ausführlich.* Ausführliche Beschreibung des Fichtelberges, in Nordgau liegend. Von einem Liebhaber Göttlicher und natürlicher Wunderwercke. Leipzig. *J. C. Martini.* 1716. 4°. 357 pp. 12 pl. 1 map.

BAVARIA: INDUSTRIES. AR 4737 1

906 *Munich: Kgl. techn. Hochschule.* Darstellungen aus der Geschichte der Technik der Industrie und Landwirtschaft in Bayern. Festgabe. München, 1906. 4° 338 pp. 21 pl.

Bedford Level. *See* England (*Eastern Counties: Fen District*) AR 43

BELGIUM. AR 462

904* *Saint Louis International Exhibition, 1904: Belgian Comm.* Belgium, its institutions, industries and commerce. General notes. Brussels, 1904. 8°. 558 pp.

Belgium, bibliography. *See* Bibliography, National: Belgium. AG 51

Belgium, Commercial and naval history. *See* Commerce History (*Belgium*). AG 19 bel.

BELGIUM: HISTORY (*Periodicals*). AR 462 t

*823** *Messager des Sciences* [*et*] *des Arts, et de la Bibliographie* [de Belgique]. Gand. 55 vols. 8°.
General Index; 1823-30 and 1833-53. Gand, 1854.

BELGIUM: INDUSTRIES. AR 462 1

*835** *Faure —, and others.* La Belgique industrielle. Compte rendu de l' Exposition des produits de l' industrie [Belge] en 1835. Bruxelles, 1836. 8°. 472 pp. 22 pl.

*862** *London International Exhibition: Belgian Comm.* Catalogue des produits industriels et des œuvres d'art. Bruxelles, 1862. 12°. 280 pp.

*900** *Paris Universal Exhibition: Belgian Comm.* Catalogue officiel. Section Belge. Bruxelles, 1900. 8°. 460 pp.

900 *Belgium: Min. de l'industrie, etc.* (*Office du Travail*). Les industries à domicile en Belgique. Vol. 3, 7, and 8. Bruxelles, 1900, etc. 8°.

905 —— —— Monographies industrielles No. Bruxelles, 1905, etc. 8°.

Belgium, inventions. *See* Inventions, Local. AB 6493

BIBLE. BA 30

*859** *Bible.* The Holy Bible, containing the Old and New Testaments. (*British and Foreign Bible Society.*) Cambridge. 1859. 8°. 1216 pp.

BIBLICAL ARCHÆOLOGY. BA 45

*719*** *Mel, C.* Antiquarius sacer quamplurima dubia Sacræ Scripturæ dicta, illustrans, etc., [Added.] i. De mari æneo Templi Salomonis; ii. Omina bruta; iv. De arca Noë. Frankfurt-a.-M., 1719. 2 pts. 4°.

*719*** —— Heilige Oudheidskenner. [From the Latin by W. H. Fabricius.] Leiden, 1742. 4°. 654 pp. 6 pl.

*727** *Calmet, A.* Antiquities, sacred and profane. From the French by N. Tindal. [Book 1-3.] London, 1727. 4°.
Issued in monthly numbers.

BIBLICAL ARCHÆOLOGY—*continued.*

800* *Talbot, M.* An analysis of the Holy Bible, etc. [Book 23. Of arts and sciences.] Leeds, 1800. 452 ll. (unpaged).

1840. *Radford, W.* On the construction of the Ark as adapted to the naval architecture of the present day, etc. [pp. 1-27.] London. 12°. (14,172)

870* *Hewson, W.* The Hebrew and Greek scriptures compared with oriental history, dialling, science, and mythology. Also the history of the Cross gathered from many countries. London, 1870. 8° and 4° atlas.

874 *Napier, J.* Manufacturing arts in ancient times, with special reference to Bible history. [Reprint?] Paisley, 1879. sm. 8°. 372 pp.

Bibliographical literature, classification. *See* Book Classification: Bibliography. AN 52 1b

Bibliography, Author. *See* Biography (*of single lives*). AD 80-6.

BIBLIOGRAPHY, HISTORICAL AND AESTHETIC (*Descriptive Catalogues*). AI 25

814** *Dibdin, T. F.* Bibliotheca Spenceriana; or a descriptive catalogue of the books printed in the fifteenth century and of many valuable first editions [in the sixteenth century] in the Library of George John, Earl Spencer, etc. London, 1814-15. 4 vols. 8°. facsimiles and other illustr.

Sect. 1, Blockbooks; 2, Theology; 3, Ancient Classics; 4, Collections of Classics; 5, Grammar and lexicography; 6, Miscellaneous; 7, Italian books; 8, W. Caxton; 9, Lettou and Machlinia; 10, Wynkyn de Worde; 11, R. Pynson; 12, Supplement.

822** —— Ædes Althorpianæ; or an account of the mansion, books and pictures at Althorp . . . Added a Supplement to the Bibliotheca Spenceriana. London, 1822. 2 vols. 8°. illustr.

823** —— A descriptive catalogue of the books printed in the fifteenth century lately forming part of the library of the Duke di Cassano Serra, and now the property of George John, Earl Spencer. With a general index of authors and editions contained in the present volume, and in the Bibliotheca Spenceriana and the Ædes Althorpianæ. London, 1823. 8°. 305 pp.

Forms Volume 7 of the Bibliotheca Spenceriana.

BIBLIOGRAPHY, HISTORICAL AND AESTHETIC (*Descriptive Catalogues*)—continued.

859** *Graesse, J. G. T.* Trésor de livres rares et précieux; ou nouveau dictionnaire bibliographique. Tome 1-6. [Tome 7 Supplément.] Dresde, 1859-69. 7 vols. 4°.

860** *Brunet, J. C.* Manual du libraire et de l'amateur de livres. [Tome 6, Table méthodique en forme de catalogue raisonné.] 5e éd. Paris, 1860-65. 6 vols. 8°.
1st ed. published in 1809.

—— —— Supplément. Par P. Deschamps et G. Brunet. Paris, 1878-80. 2 vols. 8°.

879** *Devonshire*, Wm. Cavendish, *7th Duke of.* Catalogue of the library at Chatsworth. [Compiled by J. C. Lacaita.] London, 1879. 4 vols. 8°.

880** *Huth (Henry).* A catalogue of the printed books, manuscripts, autograph letters, and engravings collected by H. H. with collations, etc [Compiled by W. C. Hazlitt and F. S. Ellis.] London, 1880. 5 vols. 8°.

895** *Rylands (John) Library.* Catalogue of books in the John Rylands Library, Manchester, printed in England, Scotland and Ireland and of books in English printed abroad to the end of the year 1640. [Compiled by E. G. Duff.] Manchester, 1895. 4°. 150 pp.

BIBLIOGRAPHY, HISTORICAL AND AESTHETIC (*History of Prices*). AI 30

887** *Book Prices Current.* A record of the prices at which books have been sold at auction from Dec., 1886, etc. Vol. xi., etc. London, 1898, etc. 8°.
Index; vol. 1-10; 1887-96.

BIBLIOGRAPHY, HISTORICAL AND AESTHETIC (*Periodicals*). AI 10

1823-80. *Messager des Sciences et des Arts.* [*From* 1851-81 "Messager des Sciences Historiques," etc.] Gand. 55 vols. 8°. AR 462 t*
General index; 1823-30 and 1833-53 (1854).

861** *Bibliomane* [*Later* Le Bibliophile illustré]. No. 1-5. London, 1861. 8°.

862** *Philobiblion.* Vol. 1-2. New York, 1862-63. sm. 4°.

863* *Bullettino di Bibliografia e di Storia delle Scienze*, etc. Da B. Boncompagni. Tomo 1-13. Roma, 1868-80.

880** *Livre* (Le). Année 1-5. Paris, 1880-84. 10 vols. in six.

BIBLIOGRAPHY, NATIONAL (*Bibliography*). AG 01

1900. Selected National bibliographies. *New York State Library.* Annual Report 83. Appendix. pp. 301-330 AH 14**

BIBLIOGRAPHY, NATIONAL: AMERICA, NORTH (*Periodical and Society Publications: Lists*). AG 201

1810. *Thomas, I.* The history of printing . . . with . . . an account of newspapers [in the United States, British possessions, etc.] Worcester. 2 vols. 8°. (3,789)

1874. —— The same. [Reprinted with additions.] Albany, N.Y. 2 vols. 8°. (17,767)

907 *Guide* to the current Periodicals and Serials of the United States and Canada. Ed. H. O. Severance. Ann Arbor, Mich., 1907, etc. 8°.

908 *Carnegie Institution, Washington.* Handbook of learned societies and institutions. America. Washington, 1908. 8°. 600 pp.

BIBLIOGRAPHY, NATIONAL: BELGIUM. AG 51

*861*** *Schnée, A.* Bibliotheca Belgica. Catalogue général des principales publications Belges; 1830-60. Bruxelles, *A. Schnée*, 1861. 8°. 104 pp.

Class catalogue.

BIBLIOGRAPHY, NATIONAL: CANADA (*Trade and Copyright Lists*). AG 22

*797*** *Haight, W. R.* Canadian Catalogue of books. [1797-1895.] Part 1. Toronto, 1896. 8°.

Contains 1006 titles.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*Trade-lists and Indexes*). AG 10

*554*** *Stationers' Company, London.* A transcript of the registers of the Company of Stationers of London, 1554-1640. Ed. E. Arber. London, 1875-94. 5 vols. 4°.

Vol. 1-4 contain, in addition to the Transcript, many documents from the State Papers, etc., illustrative of the history of the English book trade.

Vol. 5 contains C. R. Rivington's paper on the Records of the Stationers' Company, 1881-93; A list of 847 London publishers, 1553-1640; A biographical summary of English literature, 1555-1603; An index of the mechanical producers of English books, 1553-1640.

*696*** *Clavel, R.* A catalogue of books printed in England since . . . 1666 to the end of Michaelmas term, 1695. 4th ed. London, 1696. fol. 127 pp.

List classified by book sizes.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*Trade-lists and Indexes*) —continued.

*700*** *London Catalogue of Books.* London, 1779-1855. 9 vols. 8°.

[*Contents.*]

(1) A general catalogue of books . . . published in London since 1700 . . . alphabetically and classically disposed . . . with their sizes and prices. [Appendix to end of Sept., 1779.] [Without printer's or publisher's names.] 1779. 152 pp.

(2) —— Corrected to 1811 [MS. additions]. *W. Bent.* 1811. 239 pp. interleaved with MS. addition.

(3) The Modern London Catalogue . . . containing books published . . . since the year 1800 to October, 1818. *W. Bent.* 1818. 204 pp.

(4) The London Catalogue . . . 1800-October, 1822, *W. Bent.* 1823, 243 pp.

(5) Same. 1800-March, 1827, *Longman, etc.* 1827. 309 pp.

(6) Same. 1814-1839. *R. Bent.* 1839. 419 pp.

(7) Same. 1816-51. [Vol. 1, Author list; Vol. 2, Class index.] *T. Hodgson.* 1851-53. 2 vols. 645 pp.

(8) Same. 1831-55. *T. Hodgson.* 1855. 589 pp.

*700a*** *The British Catalogue of Books.* Vol. 1., General Alphabet [1837-49, with annual supplement for 1850, 1851, 1852]. [Vol. 2.] Index . . . 1837-57 [1837-55 with supplement for 1856 and 1857]. Compiled by Sampson Low. London, 1853-58. 2 vols. 8°.

Index for 1857 not in this copy.

*700b*** *The English Catalogue of Books.*

(*Cumulated Series.*)

Vol. 1. 1835-Jan., 1863. (1864.) 910 pp.
Vol. 2. 1863-Jan., 1872. (1873.) 452 pp.
—— 1856-Jan., 1876. Index vol. (1876.) 408 pp.
Vol. 3. 1872-80 and Index (1874-80.) 1882-84. 2 vols.
Vol. 4. 1881-89 and Index. 1891-93. 2 vols.
Vol. 5. 1890-97. (1898.) 1180 pp.
Vol. 6. 1893-1900. (1901.) 782 pp.

London, *S. Low*, 1864-1901. 8°.

The above contain the following Appendices; A, Learned Societies and Printing Clubs; B, Serials. Vol. 1. contained also: C, Periodicals; D, Books in English first printed abroad. There is also in each volume a Directory of Publishers.

—— —— Same. Annual Series. 1901, etc. London, *S. Low.* 8°. *In progress.*

First published for year 1863.

Current numbers of "Bookseller" and "Publisher's Circular" are kept for temporary reference.

906 *Whitaker, J. and Son, Ltd.* The reference catalogue of current literature. London, 1906. 2 vols. 8°.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*Bio-bibliographical Digests*). AG 10 a

*791** *Reuss, J. D.* Alphabetical register of all the authors actually living in Great Britain, Ireland and in the United Provinces, North America, with a catalogue of their publications, 1770–90. [Supplement and Continuation, 1790–1803.] (Title in English and German.) Berlin, 1791–1804. 3 vols. 8°.

*816** *Biographical.* A biographical dictionary of the living authors of Great Britain and Ireland . . . and a chronological register of their writings. [A–C. by W. Upcott—remainder by F. Shoberl.] London, 1816. 8°. 457 pp.

1824. *Watt, R.* Bibliotheca Britannica: or a general index to British and foreign literature. Vol. 1–2, authors; 3–4, subjects. Edinburgh. 4 vols. 4°. AH 10

"The account given of British authors and their works is universal . . . all the more important periodical works . . . have been minutely analysed, and the various papers entered under their authors' names."

*867** *Lowndes, W. T.* The bibliographer's manual of English literature, containing an account of rare, curious and useful books published in or relating to Great Britain and Ireland . . . with bibliographical and critical notices . . . and prices. New ed. [by H. G. Bohn]. Part 1–10. London, 1857–64. 5 vols. sm. 8°.

*859** *Allibone, S. A.* A critical dictionary of English literature and British and American authors. Philadelphia, 1859–71. 3 vols. 8°.

Index of subjects under 40 class headings in vol. 3, pp. 2911–3140.

—— Supplement [to end of 1888]. By J. F. Kirk. Philadelphia, 1896. 2 vols. 8°.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*Periodical and Society Publications: Lists and Directories*). AG 10 i

*853** *Hume, A.* The learned societies and printing clubs of the United Kingdom. Supplement, by A. E. Evans. London, 1853. 12°. 339 + 72 pp.

*859** *London.* The London catalogue of periodicals, newspapers, and transactions of various societies; also a list of printing societies and clubs. 1859, 1868–71, 1873–75, 1877, 1879–80, 1884–86. London, *Longmans, etc.*, 1860–86. 8°. 14 pts.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*Periodical and Society Publications: Lists and Directories*)—continued.

1864. *Lowndes, W. T.* Bibliographer's manual of English literature. Appendix . . . of books issued by literary and scientific societies and printing clubs, books printed at private presses, privately printed series and . . . serials. By H. G. Bohn. London. sm. 8°. 344 pp. AG 10 a**

884 *Yearbook of Scientific and Learned Societies of Great Britain and Ireland.* 1st annual issue, etc. London, *Griffin*, 1884, etc. 8°.

1905. *British Museum.* Catalogue of printed books. Supplement. Newspapers published in Great Britain and Ireland, 1801-1900. London. 4°. 531 pp. AH 10/

English, Scotch, and Irish newspapers before 1800 will be found under "Periodical Publications" (2nd ed).

Mitchell's Newspaper Press, Directory, etc. London. imp. 8°.

Willing's Press Guide and Advertiser's Directory. London. 8°.

Current year of the two preceding publications retained temporarily for reference.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*State Papers; Catalogues and Indexes*). AG 10 u

801 *King, P. S., and Son.* Catalogue of Parliamentary papers, 1801-1900, with a few of earlier date. [Compiled by Miss H. V. Jones.] London, [1904?]. 8°, *large paper*, 315 pp.

887** *List* of [Official and] Parliamentary papers for sale [with index], 1887, etc. London. 8°.

Published by Eyre and Spottiswoode to end of 1894; after that date printed for H.M. Stationery Office. From 1897 the Official and Parliamentary papers have formed two series—the 4th quarter cumulating and superseding the three preceding quarters.

BIBLIOGRAPHY, NATIONAL: ENGLAND (*Broadsides*). AG 10 v

866** *Lemon, R.* Catalogue of a collection of printed broadsides in the possession of the Society of Antiquaries of London. London, 1866. 8°. 239 pp.

BIBLIOGRAPHY, NATIONAL: FRANCE (*Bio-bibliographical Digests*). AG 50 a

700** *Quérard, J. M.* La France littéraire. [*Continued as* "La Littérature Française Contemporaine."] [1700–1849.] Paris, 1827–57. 18 vols. 8°.

The periods covered by the continuation vary; viz., Vol. 2 to 4, 1827–44; Vol. 5–6, 1827–49.

840** *Lorenz, O.* Catalogue de la librairie Française. Paris, 1867, etc. 8°.

Tome 1–4, 1840–65; 5–6, 1866–75; 7–8, table des matières, 1840–75; 9–10, 1876–85; 11, table des matières, 1876–85; 12, 1886–90; 13, table des matières, 1886–90; 14–15, 1891–99, 16–17, table des matières, 1891–99; 18, etc. 1900–5. *In progress.*

Continued to date by the "Bibliographie de la France," retained for temporary use.

BIBLIOGRAPHY, NATIONAL: FRANCE (*Periodical and Society Publications: Lists and Directories*). AG 50 i

866** *Hatin, E.* Bibliographie historique et critique de la presse périodique Française. Paris, 1866. 8°. 117 + 660 pp. Portr. of Th. Renaudot.

887 *France: Ministère de l' instruction publique, etc. Comité des travaux historiques et scientifiques.* Bibliographie des sociétés savantes de la France, par E. Lefèvre-Pontalis. Paris, 1887. 4°. 149 pp.

899 *Annuaire des Journaux.* Revues et publications périodiques . . . suivie d'une table systématique. Publié par H. Le Soudier. [*Later*, "Catalogue tarif . . . des journaux, etc."] Année xx., etc. Paris, 1899, etc. 8°.

902 *Delaunay, H.* Les sociétés savantes de France. Paris, 1902. 8°. 418 pp.

BIBLIOGRAPHY, NATIONAL: GERMANY (*Trade and Copyright Lists*). AG 60

700** *Heinsius, J. W.* Allgemeines Bücher-Lexikon, oder vollständiges alphabetisches Verzeichniss der erschienenen Bücher, welche in Deutschland und in den durch Sprache und Literatur damit verwandten Ländern gedruckt worden sind. [1700, etc.] Leipzig, 1812–95. 19 vols. 4°.

Vol. 1–4 (1812–13) covers the period 1700–1810 in one alphabet. With appendix of romances and plays.

891** *Hinrichs' Fünfjahrskatalog* der im deutschen Buchhandel erschienenen Bücher, Zeitschriften Landkarten, etc. Titelverzeichnis und Sachregister. Bearbeitet von H. Weise. Band 9, 1891–95. Band 10, 1896–1900, etc. Leipzig, 1896, etc. 8°.

Continued temporarily with half-yearly author and subject indexes.

BIBLIOGRAPHY, NATIONAL: GERMANY (*Publishers' Catalogues*) AG 60 e

*899*** *Vieweg, F. und Sohn.* Verlagskatalog . . . Hrsg. aus Anlass des hundertjährigen Bestehens der Firma, April, 1799-1899. Braunschweig, 1899. 8°. 442 pp.

BIBLIOGRAPHY, NATIONAL: GERMANY (*Periodical and Society. Publications: Lists and Directories*). AG 60 1

883 *Müller, J.* Die wissenschaftlichen Vereine und Gesellschaften Deutschlands im neunzehnter Jahrhundert. Bibliographie ihrer Veröffentlichungen seit ihrer Begründung [1697, etc.] bis auf die Gegenwart. Berlin, 1883-87. 4°. 900 pp.

*899*** *Adressbuch der deutschen Zeitschriften.* Jahrg 39. Hrsg. H. O. Sperling. Stuttgart, 1899. 8°.

906 *Deutscher Journal Katalog.* Jahrg 42, etc. Hrsg. von Schulze & Co. Leipzig, 1906, etc. 8°.

BIBLIOGRAPHY, NATIONAL: INDIA (*State Papers: Catalogues and Indexes*). AG 81 u

*856*** *East India Company.* A classified list of books in store in the Office of Record, Examiners Department, East India House. February, 1856. London, 1856. 4°. 49 pp.

899 *Campbell, F.* Index-Catalogue of Indian official publications in the Library, British Museum. London, [1899—]. 4°. 4 pts.

*903*** *India, Gov't of.* General catalogue of all publications of the Government of India and Local Governments and Administrations. Part 1, all publications except Acts . . . and publications not for sale; Part 2, Acts and Regulations, etc.; Part 3, publications . . . not for sale. No. 7, corrected to 30th June, 1903, etc. Calcutta, 1903, etc. 8°.

Part 7 No. 1 wanting.

BIBLIOGRAPHY, NATIONAL: ITALY (*Trade and Copyright Lists, etc.*). AG 71

*906*** *Florence: Biblioteca Nazionale Centrale.* Bollettino delle publicazioni Italiane ricevute per diritto di stampa. Anno xxi, etc. Firenze, 1906, etc. 8°.

BIBLIOGRAPHY, NATIONAL: ITALY (*Bio-bibliographical Digests*). AG 71 a

*847*** *Pagliaini, A.* Catalogo generale della Libreria Italiana dall' Anno 1847 a tutto il 1899. Milano, *Associazione Tipografico-Libraria Italiana*, 1900-1905. 3 vols. 8°.

BIBLIOGRAPHY, NATIONAL: ITALY (*Publishers' Catalogues*). AG 71 e

*896*** *Hoepli, U.* Catalogo cronologico, alfabetico-critico, etc. delle edizione Hoepli, 1872-96. Milano, 1896. 8°. 510 pp.

BIBLIOGRAPHY, NATIONAL: RUSSIA. AG 76

*869*** *Mezhov, V. I.* [Systematic catalogue . . . 1825-69.] St. Petersburg, 1869. 8°. 1,010 pp.

BIBLIOGRAPHY, NATIONAL: SWEDEN (*Theses*). AG 77 b

*765*** *Salvius, L.* Catalogus dissertationum quæ ad illustrandas res Svecias faciunt, præsertim in argumentis historicis, ecclesiasticis, juridicis, literariis, œconomicis, physicis et historia naturali. Holmiæ, 1765. 4°. 262 pp.

Subject list with index of Præsides.

BIBLIOGRAPHY, NATIONAL: UNITED STATES. (*Trade and Copyright Lists*). AG 21

*639*** *Evans, C.* American bibliography. A chronological dictionary of all books, pamphlets, and periodical publications printed in the United States of America . . . 1639-1820. With bibliographical and biographical notes. Chicago, 1903, etc. 4°. *In progress.*

Vol. 1, 1639-1729; vol. 2, 1730-50; vol. 3, 1751-64; vol. 4, 1765-1773. The notes include auction values.

*639*** *Sabin, J.* Bibliotheca Americana. A dictionary of books relating to America. [1639-186 .] New York, 1868 [1867], etc. 8°.

Work was discontinued between 188 .

[1639-1775.] *Thomas, I.* The history of printing in America, 2nd ed., and a [chronological] Catalogue of American publications previous to . . . 1776. Vol. ii. pp. 309-666. Albany, N.Y., 1874. 8°. AJ 38**

*861*** *Kelly, J.* The American Catalogue of books . . . with supplement . . . on the Civil War [literature] 1861-66; and Appendix of learned Societies, etc. New York, 1866-71. 2 vols. 8°.

Vol. 1, 1861-66; vol. 2, 1866-71.

BIBLIOGRAPHY, NATIONAL: UNITED STATES. (*Trade and Copyright Lists*)—continued.

876** *American Catalogue.* Under the direction of F. Leypoldt.

[A] Author and title entries of books in print and for sale, July 1, 1876. Subject entries . . . July 1, 1876. (1880-81.) 2 vols.

[B] Books recorded . . . July 1, 1876-June 30th, 1884. (1885.) 2 pts.

[C] 1884-90. (1891.) 2 pts.

[D] 1890-95. (1896.) 2 pts.

[E] 1896-1900. (1901.) 2 pts.

[F] 1900-1905. (1905.) 1,295 pp. New York. 4°. and 8°.

The above contain the following appendices :—

B. C. D. U.S. Gov't. publications. *See also* Bibl. Nat. U.S. (*State Papers*).

C. D. U.S. State publications.

B. C. D. U.S. Society publications.

D. C. D. U.S. Serials. Afterwards merged in general alphabet.

F published in one alphabet of authors, letter, subjects and series.

B-F edited by R. R. Bowker. Size changed from 4° to 8° in 1905.

906** *U.S. Congress, Library, Copyright Office.* Catalogue of copyright entries. Part i. Books ; dramatic compositions ; maps and charts. ii. Periodicals. New Series, Vol. i. etc. Washington, 1906, etc. 8°.

BIBLIOGRAPHY, NATIONAL: UNITED STATES (*Periodical and Society Publications : Lists and Directories*). AG 21 i

700** *Bowker, R. R.* Publications of Societies. A provisional list, etc. of the publications of American scientific, literary and other societies from their organisation. [18th Cent., etc.]. New York, 1899. 4°. 186 pp.

873** *Steiger, E.* The periodical literature of the United States of America ; with index and appendices Followed by specimen catalogue of original American books, etc. New York, 1873. 8°. 150+14 pp.

z 874* —— Descriptive catalogue of scientific, technological, and other special periodicals published in the United States. With index. New York, 1874. 8°. 22 pp.

Extract from his larger catalogue.

890** *Dauchy & Co.* Newspaper catalogue. Published annually. New York, 1890. 8°. 624 pp.

901 *U.S. Congress (Library).* A check list of American newspapers in the Library of Congress. Compiled under the direction of A. B. Slauson. Washington. 8°. 292 ll.

BIBLIOGRAPHY, NATIONAL: UNITED STATES (*State Papers: Catalogues and Indexes*). AG 21 u

700 *Bowker, R. R.* State Publications. A provisional list of the official publications of the several states of the United States from their organisation [18th Cent., etc.]. Part 1, New England States; Part 2, North Central States (1902); Part 3, Western States and Territories (1905). New York, 1899, etc. sm. 4°.

774 *U.S. Govt. Printing Office.*
A descriptive catalogue of Gov't. publications of the U.S. [1774-1881.] Compiled by B. P. Poore. Washington, 1885. 4°. 1,396 pp.

893 —— [Biennial] Catalogue of the Public Documents of . . . Congress and of all departments of the Government of the U.S. [1893, etc.]. Washington, 1896, etc. 8°.
For the interval between 1881 and 1893, consult the Appendix (Gov't. Publications) to the American Catalogue.

901 —— [Monthly] Catalogue of Public Documents, etc. [1901, etc.]. No 73, etc. Washington. 8°.

898 *Michigan State Library.* Catalogue of the Michigan State Library. U.S. Documents, State Documents, Foreign Exchanges. [By Mary C. Spencer.] Lansing, Mich. 8°. 276 pp.
Valuable as setting out contents of official documents.

BIBLIOGRAPHY OF BIBLIOGRAPHY. AK 40

858** *Guild, R. A.* The librarian's manual. New York, 1853. sm. 4°.
Part 1, select annotated and classified list of 495 bibliographical works of reference for the librarian; pp. 1-114.

866 *Petzholdt, J.* Bibliotheca bibliographica. Kritisches Verzeichniss der das Gesammtgebiet der Bibliographie betreffenden Litteratur . . . in systematischer Ordnung bearbeitet. Leipzig, 1866. 8°. 951 pp.
A few MS. additions at end of volume.

877 *Sabin, J.* A bibliography of bibliography, or a handy-book about books which relate to books. New York, 1877. 8°. 150 pp.
Based upon the bibliographical section of Power's Handy-book about books. AK 36 : 870**

897 *Stein, H.* Manuel de bibliographie générale. (Bibliotheca Bibliographica Nova). Paris, 1897. 8°. 1915 pp.
A classified digest of all bibliographies published to end of 1896.

1898. *Newman, A.* Index to subject bibliographies in Library Bulletins to Dec. 31st, 1897. *New York State Library.* Annual Report, 81. pp. 365-426. 8°. AM 07**

BIBLIOGRAPHY OF BIBLIOGRAPHY—*continued.*

898 *Institut International de Bibliographie.* Bibliographia Bibliographica. [1898, etc.] Bruxelles, 1900, etc. 8°.
Reprinted from the Bulletin of the Institut. AK 20 : 895**

902 *Crerar (John) Library.* A list of bibliographies of special subjects, July, 1902. Chicago. 8°. 504 pp.
Arranged in Dewey class order.

905 *Courtney, W. P.* A register of national bibliography, with a selection of the chief bibliographical books and articles printed in other countries. London. 2 vols. 8°.
In dictionary order.

BIBLIOGRAPHY, SYSTEMATIC (*Dictionaries*). AK 35

802** *Peignot, É. G.* Dictionnaire raisonné de bibliologie contenant 1. l'explication des termes, etc.; 2. notices des bibliothèques; 3. l'exposition des systèmes bibliographiques. Paris, 1802-4. 3 vols. 8°. With MS. additions.

BIBLIOGRAPHY, SYSTEMATIC (*General treatises*). AK 36

1762. *Köhler, J. D.* Anweisung für reisende Gelehrte. [Cap 1 von Bibliothecken; pp. 3-64]. Frankfurt, etc., 1762. sm. 8°. AC 019*

814** *Horne, T. H.* An introduction to the study of bibliography. Prefixed, A memoir of the Public Libraries of the antients. Illustrated with engravings. London. 2 vols. 8°.

870** *Power, J.* A handybook about books. London. 8°. 233 pp.
Includes a bibliographical list, chronology of printing, receipts, typographical gazetteer, etc.

878** *Rouveyre, E.* Connaissances nécessaires à un bibliophile. 2e éd. Paris, 1878. sm. 8°. 137 pp.

879** —— Connaissances nécessaires à un bibliophile. 3e éd. Paris, 1879-80. 2 vols. sm. 8°.

BIBLIOGRAPHY, SYSTEMATIC (*Economics*). AK 38

901** *Garçon, J.* La bibliographie industrielle, services qu'elle peut rendre . . . repertoires spéciaux concernant les industries chimiques. (Extrait.) Paris, 1901. 4°. 16 pp.

907** —— La bibliographie industrielle. 2e éd. Paris, 1907. 8°. 92 pp.

BIBLIOGRAPHY, SYSTEMATIC (*Periodicals*). AK 39

*895** *Institut International de Bibliographie.* Bulletin. Année 1, 1895, etc. Bruxelles. 8°.

BIBLIOGRAPHY, UNIVERSAL (*Catalogues, General*). AH 05

*800/ *Georgi, T.* Allgemeines Europäisches Bücher—Lexikon. [1500-1757]. Theil 1-4 [A. Z. Supplement 1-3] Leipzig. 1742-58. 3 vols in four. fol.

Theil 5 covering French literature is wanting in the copy. Work chiefly confined to German, Dutch and Latin works on theology, law, medicine, mathematical and physical sciences and the classics.

*813** *British Museum,* Librorum impressorum qui in Museo Britannico adservantur Catalogus. London, 1813-19. 7 vols, in eight. 8°.

*824 *Watt, R.* Bibliotheca Britannica; or a general index to British and Foreign literature. Vol. 1-2 Authors: 3-4 Subjects. Edinburgh, 1824. 4 vols. 4°.

"What has been admitted of foreign publications, though selective, forms a very considerable . . . portion of the work."

*881/ *British Museum.* Catalogue of the printed books in the Library of the British Museum [to end of 1881.] With Supplement. 1882-1899. London, 1881-1905. 75 vols. 4°.

BIBLIOGRAPHY, UNIVERSAL (*Catalogues, Subject and Class*). AH 10

891 *British Museum.* A subject index of the modern works added to the British Museum in the years 1885, etc. Compiled by G. K. Fortescue, 1885-90; 1891-95. London, 1891-97. 2 vols. 8°.

*902 —— Subject index of the modern works added to the Library of the British Museum in the years 1881-1905. Edited by G. K. Fortescue. London, 1902-6. 4 vols. 8°.

*898 *Boston Public Library.* Annual list of new and important books added . . . 1896, etc. Boston, Mass, 1898. 8°.

Bimetallism. *See* Precious metals, Economics. AW 141.

BIOGRAPHY (*Single lives, B.C.*). **AD 60**

(*Arranged by birth-date of subject of biography.*)*

*582** *Pythagoras, circa* B.C. 582 507.

Iamblichus, Chalcidensis. De vita Pythagorica liber, Græce et Latine. Cum notis L. Kusteri et versione Latine Ulr. Obrechti. Accedit Malchus sive Porphyrius de vita Pythagoræ cum notis L. Holstenii et C. Rittershusii. Itemque Anonymus apud Photium de vita Pythagoræ. Amsterdam, 1707. sm. 4°. 416 pp. 1 pl.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*). **AD 62**

(*Arranged by birth-date of subject of biography.*)*

*214** *Bacon, Roger, Franciscan Monk.* 1214-1294.

The most famous history of the learned Fryer Bacon. London, 1704. sm. 4°. 24 pp.

*214** — The famous history of Fryar Bacon. London, 1766. 12°. 104 pp.

*214** — The wonderful history of the celebrated Friar Bacon. London, 1829. 12°. (chapbook) 28 pp. 1 pl.

214 — R. B., sa vie, ses ouvrages, ses doctrines, d'après des textes inédits, par E. Charles. Paris, 1861. 8°. 432 pp.

*435** *Columbus, Christopher.* 1435-1506.

History of the life and voyages of C. C., by W. Irving. Paris, 1828. 4 vols. 12°.

*452** *Vinci, Leonardo da.* 1452-1519.

Memorie storiche su la vita gli studj e le opere di L. da V., scritte da C. Amoretti. Milano, 1804. 8°. 203 pp. 3 pl.

452 — L. da V. als Ingenieur und Philosoph. Ein Beitrag zur Geschichte der Technik und der induktiven Wissenschaften, von Dr. H. Grothe. Berlin, 1874. 4°. 98 pp. 1 pl.

*452** — L. da V. and his works, consisting of a life by Mrs. Charles W. Heaton, an essay on his scientific and literary works by C. C. Black, and an account of his most important paintings. London, 1874. 8°. 318 pp. 19 pl.

* For index to biographies, etc., see pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

486* *Agrippa von Nettesheim, Heinrich Cornelius.* 1486-1535.

The life of H. C. A., Doctor and knight, commonly known as a magician. By H. Morley. London, 1856. 2 vols. 8°.

500* *Bonasoni, Julio.* [1500-1580?]

Some anecdotes of the life of J. B., a Bolognese artist, etc., by G. Cumberland. London, 1793. 8°. 104 pp.

501* *Cardan, Jerome.* 1501-1576.

The life of Girolamo Cardano, of Milan, physician. By H. Morley. London, 1854. 2 vols. in one. 8°.

510 *Palissy, Bernard.* 1510?-89.

Life of B. P., of Saintes, the potter, by H. Morley. 2nd ed. London, 1855. 8°. 508 pp.

510** —— L'art céramique et B. P. Par E. Enjubault. Moulins, 1858. 8°. 180 pp.

519* *Gresham, Sir Thomas.* 1519?-1579.

A brief memoir, with an abstract of his will, and of the Act of Parliament for the foundation and government of Gresham College. London, 1833. 8°. 32 pp.

1545. *Porta, Giovanni Battista della.* *Circa*, 1545-1615.

Notice historique de la vie et des ouvrages de J. B. P. Paris, 1801. Par D * * * * [*i.e.*, H. G. Duchesne.] 382 pp. mounted on fol. sheets with MS. additions, 468 pp. Portr. *Porta, G. B. della.* La magie naturelle de Porta . . . Trad. par [H. G.] Duchesne. Précédé [Tome i.] d'une Notice historique, etc. Paris, 1816. 3 vols. fol. Chiefly MS. AC 80/*

546 *Brahe, Tycho, Astronomer.* 1546-1601.

A picture of scientific life and work in the 16th century. By J. L. E. Dreyer. Edinburgh, 1890. 8°. 421 pp. 5 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

548 *Stevin, Simon.* 1548-1620.

Notice historique sur la vie et les travaux de S. S. de Bruges, par M. F. V. Goethals. Bruxelles, 1841. 8°. 87 pp. 1 pl.

548 —— Mémoire sur la vie et les travaux de S. S., par Steichen. Bruxelles, 1846. 8°. 242 pp. 5 pl.

550* *Napier, John, Baron of Merchiston.* 1550-1617.

Account of the life, writings, and inventions of J. N., of Merchiston, by D. Stewart, Earl of Buchan, and W. Minto. Perth, 1787. 4°. 137 pp. 6 pl.

561* *Bacon, Francis, Viscount St. Albans.* 1561-1626.

Vita . . . trad. dall' Inglese. Venezia, 1768. 12°. 247 pp. 1 pl.

585* *Drummond, William, of Hawthornden.* 1585-1649.

The story of his life and writings, by D. Masson. London, 1873. 8°. 506 pp. 1 pl.

588* *Deruet, Claude.* 1588-1660.

Recherches sur la vie et les ouvrages de C. D., peintre et graveur Lorrain. Par M. E. Meaume, Nancy, 1853. 8°. 120 pp. 1 pl.

596** *Descartes, René du Perron.* 1596-1650.

A summary or compendium, of the life of the most famous philosopher R. D. Written originally in Latin by P. Borellus; added an epitome of his life by M. Z. Boxhornius. London. 1670. 12°. 115 pp.

601 *Worcester, Edward Somerset, 2nd Marquis.* 1601-1667.

Life, times, and scientific labours . . . by H. Dircks. London, 1865. l. 8°. 650 pp. 2 pl.

601 —— Worcesteriana: a collection of literary authorities, etc., by H. Dircks. London, 1866. 8°. 287 pp.

602* *Hartlib, Samuel.* 1602?-1670?

Biographical memoir of S. H., Milton's familiar friend; with bibliographical notices, etc., by H. Dircks. London, [1865]. 8°. 138 pp.

---

* For index to biographies, etc., see pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

620* *Evelyn, John.* 1620-1706.

Memoirs, comprising his diary, from the year 1641 to 1705-6 and a selection of his familiar letters, etc. Ed. W. Bray. London, 1818. 2 vols. 4°.

625* *Morland, Sir Samuel.* 1625-1695.

A brief account of the life, writings, and inventions of Sir S. M., master of mechanics to Charles II. [By J. O. Halliwell-Phillipps.] Cambridge, 1838. 8°. 31 pp.

628* *Guericke, Otto von.* 1628-1704.

O. v. G., Bürgermeister der Stadt Magdeburgh, Ein Lebensbild aus der deutschen Geschichte des 17ten Jahrhunderts, von F. W. Hoffmann. Hrsg. J. O. Opel. Magdeburg, 1874. 8°. 256 pp. 1 pl.

632* *Wren, Sir Christopher.* 1632-1723.

Memoirs of the life and works of Sir C. W., with a brief view of the progress of architecture in England from the beginning of the reign of Charles I. to the end of the 17th century, and an appendix. By J. Elmes. London, 1823. 4°. 715 pp. 12 pl.

632* —— Sir C. W. and his times. By J. Elmes. London, 1852. 8°. 455 pp.

637* *Rubens, Sir Peter Paul.* 1637-1664.

Original unpublished papers illustrative of the life of Sir P. P. R. as an artist and a diplomatist preserved in H.M. State Paper Office. With Appendix. Ed. W. N. Sainsbury. London, 1859. 8°. 418 pp. 1 pl.

642 *Newton, Sir Isaac.* 1642-1727.

Memoirs of the life, writings, and discoveries of Sir I. N., by Sir D. Brewster. Edinburgh, 1855. 2 vols. 8°.

642 —— Biographical sketch, by E. F. King. Added, report of Lord Brougham's oration at the inauguration of the statue at Grantham. Grantham, 1858. sm. 8°. 126 pp. 2 pl.

---

* For index to biographies, etc., see pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

647 *Papin, Denis.* 1647-1714.

Notice sur D. P., etc., par — Ducoux. 2e éd. Blois, 1854. 12°. 142 pp. 3 pl.

647 —— La vie et les ouvrages de D. P., par L. de la Saussaye et A. Péau. Tome i. Paris, 1869. 8°. 278 pp. 3 pl.

647 —— Leibnizen's und Huygens' Briefwechsel mit Papin, nebst der Biographie Papin's, etc., von Dr. E. Gerland. Berlin, 1881. 8°. 408 pp.

647 —— D. P., sa vie et son œuvre, par le Baron Ernouf. 4e éd. Paris, 1888. sm. 8°. 171 pp. 1 pl.

647 —— D. P. und seine Nachfolger in der Erfindung der Dampfmaschine, mit zwei Anhängen, von Prof. Dr. E. Jäger. Stuttgart, 1902. 8°. 41 pp.

*663** *Newcomen, Thomas.* 1663-1729.

Some account of the residence of the inventor of the steam-engine, by T. Lidstone, of Dartmouth. London, 1869. 4°. 8 pp.

*668** *Boerhaave, Hermann.* 1668-1738.

Account of the life and writings of H. B., by Wm. Burton. 2nd ed. London, 1746. 8°. 240 pp.

*682** *Hadley, John.* 1682-1744.

Biographical account of J. H., inventor of the quadrant; and of his brothers George and Harry, by S. P. Rigaud. [Reprint.] London, 1835. 8°. 36 pp. 2 pl.

*684** *Berkeley, George, Bishop of Cloyne.* 1684-1753.

An account of the life of G. B., with notes, containing strictures on his works. London, 1776. 8°. 89 pp.

*684** —— Memoirs. 2nd ed. [By Rev. J. Stock.] London, 1784. 8°. 190 pp. 1 pl.

685 *Böttger, Johann Friedrich.* 1685-1719.

J. F. B., der deutsche Erfinder des Porzellans, von B. Wolff-Beckh. Steglitz, 1903. 48 pp. 1 pl.

*687** *Simson, Robert, Mathematician.* 1687-1768.

Account of the life and writings of R. S., by the Rev. W. Trail. Bath, 1812. 4°. 198 pp. 1 pl.

* For index to biographies, etc., see pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

694* *Edwards, George, F.R.S.* 1694-1773.

Some memoirs of the life and works of G. E. London, 1776. 4°. 53 pp. 4 pl.

695* *Kames, Henry Home, Lord.* 1696-1782.

Memoirs of the life and writings of the honourable H. H. of K., containing sketches of the progress of literature and general improvement in Scotland during the greater part of the 18th century, by A. F. Tytler, of Woodhouselee. 2nd ed. Edinburgh. 3 vols. 8°.

700* *Wyatt, John.* 1700-1766.

J. W., master carpenter and inventor [of weighbridge], compiled from original MSS. London, 1885. 8°. 39 pp.

701* *Emerson, William, Mathematician.* 1701-1782.

Some account of the life of W. E., by Rev. W. Rowe. London, 1793. 8°. 22 pp. 1 pl.

704 *Kay, John, of Bury.* 1704-1767?

A testimonial in favour of merit neglected, etc. By a descendant of J. K., of Bury. London, [1847]. 4°. 36 pp. 1 pl.

704 —— Memoir of J. K., inventor of the fly-shuttle, metal reeds, etc., with a review of the textile trade and manufacture from earliest times, by J. Lord. Rochdale, 1903. 8°. 195 pp. 8 pl.

706 *Dollond, John.* 1706-1761.

Life of J. D., inventor of the achromatic telescope by J. Kelly. 3rd ed. London, 1808. 4°. 123 pp.

706* *Franklin, Benjamin.* 1706-1790.

Memorial of the inauguration of the statue of Franklin [by Nathaniel B. Shurtleff]. Boston, Mass., 1857. 4°. 412 pp. 1 pl.

706* —— List of Benjamin Franklin papers in the Library of Congress. Washington, 1905. 8°. 322 pp.

708* *Haller, Albert de, M.D.* 1708-1777.

Memoirs, compiled, etc., by T. Henry. Warrington, 1783. 8°. 179 pp. 1 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

IOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

710 *Ferguson, James, F.R.S.* 1710-1776.

Life of J. F., in a brief autobiographical account by E. Henderson. Edinburgh, 1867. 8°. 517 pp. 2 pl.

*710** *Simpson, Thomas, Mathematician.* 1710-1761.

Memoirs of the life and writings of the author. [By C. H.] [Excerpt.] 1792. 8°. 24 pp.

*718** *Hunter, William, M.D.* 1718-1783.

Account of the life and writings of the late W. H., read by S. F. Simmons. London, 1783. 8°. 76 pp.

*726** *Pennant, Thomas, LL.D., F.R.S.* 1726-1798.

Literary life of the late T. P., by himself. London, 1793. 4°. 150 pp. 2 pl.

*728** *Hunter, John, Surgeon, etc.* 1728-1793.

Memoirs of the life and doctrines of J. H., founder of the Hunterian Museum, by J. Adams. London, 1817. 8°. 296 pp. 1 pl.

728 *Wilkinson, John, Ironmaster.* 1728-1808.

J. W. and the Old Bersham Iron Works, by A. N. Palmer. [Wrexham], 1899. 8°. 44 pp. 5 pl.

*z 729** *Spallanzani, Lazaro, Abate.* 1729-1799.

Elogio, scritto da P. Pozzetti. Parma, 1800. 4°. 62 pp.

730 *Wedgwood, Josiah.* 1730-1795.

Life, from his private correspondence and family papers. With a sketch of the art of pottery in England, by E. Meteyard. London, 1865-66. 2 vols. 8.

*z 730** —— Wedgwood, an address by the Right Hon. W. E. Gladstone. London, 1863. 8°. 64 pp. 1 pl.

730 —— The Wedgwoods: being a life of J. W., with notices of his works and their productions, memoirs of the Wedgwood and other families, and a history of the early potteries of Staffordshire. By L. Jewitt. London, 1865. 8°. 455 pp. 1 pl.

730 —— Josiah Wedgwood, F.R.S. His personal history By S. Smiles. Popular ed. London, 1897. sm. 8°. 315 pp. 1 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

731 *Cavendish, Henry.* 1731–1810.

Life, including abstracts of his more important scientific papers, by G. Wilson. London, 1851. 8°. 492 pp. 1 pl.

733 *Priestley, Joseph.* 1733–1804.

Life, with critical observations on his works, by John Corry. Birmingham, 1804. 12°. 112 pp. 1 pl.

733. —— Memoirs, to the year 1795, written by himself, with a continuation, to the time of his decease, by his son Joseph. London, 1806. 8°. 490 pp.

733 —— —— Same. Another ed. London, 1809. 8°. 212 pp.

733 —— Memorials [portraits, trinkets, medals, etc.], by J Yates. [Corrected reprint.] London, 1860. 8°. 23 pp.

733 —— Scientific correspondence, 97 letters, with appendix. i. Likenesses, ii. Lunar society, iii. Inventory of P.'s laboratory in 1791. Ed., H. C. Bolton. New York [privately printed], 1892. 8°. 247 pp. 1 pl.

733 —— J. P., by T. E. Thorpe. London, 1906. 12°. 237 pp. 2 pl.

*735** *Keir, James.* 1735–1820.

Sketch of the life of J. K., with a selection from his correspondence. Printed for private circulation. [Edited by his daughter and others.] London, [1871]. 8°. 164 pp.

*736** *Lagrange, Joseph Louis, Comte de.* 1736–1813.

Précis historique sur la vie et la mort de J. L. L., par J. J. Virey et Potel. Paris, 1813. 4°. 22 pp.

*736** *Watt, James.* 1736–1819.

Proceedings of the public meeting held at Freemason's Hall, 18th June, 1824, for erecting a monument to the late James Watt. London, 1824. 8°. 107 pp.

736 —— Life, with a memoir on machinery considered in relation to the prosperity of the working classes, by M. Arago. Added, eulogium of J. W., by Lord Jeffrey. 3rd ed. Edinburgh, 1839. 12°. 222 pp.

---

* For index to biographies, etc., *see* pp. 307–18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

Watt, James—continued.

736 —— Historical eloge of J. W., by M. Arago. Trsl., etc. J. P. Muirhead. London, 1839. 8°. 270 pp.

736 —— Origin and progress of the mechanical inventions of J.W., illustrated by his correspondence. By J. P. Muirhead. London, 1854. 3 vols. 8°.

736 —— Life, with selections from his correspondence, by J. P. Muirhead. 2nd ed. London, 1859. 8°. 586 pp. 1 pl.

736 —— Memorials of the lineage, early life, education, and devolopment of the genius of J. W., by Geo. Williamson. London, 1856. 4°. 273 pp. 16 pl.

736 —— J. W., of Soho and Heathfield. Annals of industry and genius, by T. E. Pemberton. Birmingham, 1905. sm. 8°. 233 pp. 1 pl.

*x 737** *Eginton, Francis.* 1737-1805.

F. E., modeller, pre-oleographist and glass-painter. A Birmingham monograph. [By W. C. Aitkin. Reprint. Birmingham], 1871. sm. 8°. 15 pp.

*737** *Hutton, Charles.* 1737-1823.

Memoir, by J. Bruce. Newcastle, 1823. 8°. 52 pp. 1 pl.

*x 737** *Parmentier, A. A.* 1737-1813.

Éloge d' A. A. P., par C. L. Cadet de Gassicourt. Paris, 1814. 8°. 48 pp.

*737** *Watson, Richard, Bishop of Landaff.* 1737-1816.

Anecdotes of the life of R. W., written by himself at different intervals, and revised in 1814. Published by his son, R. Watson. London, 1817. 4°. 551 pp. 1 pl.

*740** *Bacon, John, R.A., Sculptor.* 1740-1799.

Memoirs, with reflections drawn from a review of his moral and religious character, by R. Cecil. London, 1801. 8°. 118 pp. 1 pl.

*741** *Fuseli, Henry, R.A.* 1741-1825.

Life and writings, the former written and the latter edited by J. Knowles. London, 1831. 3 vols. 8°.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

741* *Huddart, Joseph, Capt.* 1741–1816.

Memoir [by his son]. London, 1821. 4°. 110 pp. 2 pl.

741* —— Brief memoir, and an account of his inventions in the manufacture of cordage, etc. [by Wm. Cotton]. London, 1855. 4°. 49 pp. 1 pl.

z 742* *Périer, Jacques Constantin.* 1742–1818.

Notice sur la vie et les travaux de M. Périer, par M. Delambre. [Excerpt], 1819. 4°. 14 pp.

743 *Banks, Sir Joseph.* 1743–1820.

Sir J. B., and the Royal Society. A popular biography, etc. London, 1844. 12°. 124 pp.

743 *Cartwright, Edmund.* 1743–1823.

A memoir of the life, writings, and mechanical inventions of E. C., inventor of the power loom, etc. [By Mary Strickland.] London, 1843. 8°. 384 pp. 3 pl.

743 *Fitch, John.* 1743–1798.

Life of J. F., the inventor of the steamboat, by T. Westcott. Philadephia, 1857. 8°. 415 pp. 2 pl.

743 *Lavoisier, Antoine Laurent.* 1743–1794.

Lavoisier, 1743–1794, d'après sa correspondance, ses manuscrits, ses papiers de famille, et d'autres documents inédits, par E. Grimaux. 3e éd. Paris, 1899. 8°. 414 pp. 10 pl.

744* *Dalby, Isaac, Ordnance Surveyor.* 1744–1824.

Memoir of I. D., late professor of mathematics, Royal Military College, Farnham. [Excerpt.] 1827. 8°. 6 pp. 1 pl.

744* *Edgeworth, Richard Lovell.* 1744–1817.

Memoirs, begun by himself and concluded by his daughter, Maria Edgeworth. London, 1820. 2 vols. 8°.

---

* For index to biographies, etc., *see* pp. 307–18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

*745** *Volta, Alessandro.* 1745-1827.

Della vita del Conte A. V., patrizio Comasco. Como, 1829. 8°. 139 pp. 2 pl.

*z 745** —— Elogio scientifico di A. V., da P. Configliachi. [Excerpt, 1831.] 12°. 56 pp.

*z 745** —— —— Same. Another ed., large paper. Como, 1834. 8°. 56 pp.

*749** *Delambre, Jean Baptiste Joseph, Astronomer.* 1749-1822.

Notice nécrologique, par C. Dupin. [Reprint.] Paris, 1822. 8°. 24 pp.

*749** *Jenner, Edward, M.D.* 1749-1823.

Life, with illustrations of his doctrines and selections from his correspondence, by J. Baron. London, 1838. 2 vols. 8°.

*750** *Girard, Stephen, Founder of Girard College, Philadelphia.* 1750-1831.

The will of S. G., . . . with a short biography of his life. Philadelphia, 1832. 8°. 46 pp.

751 *Jouffroy d'Abbans, C.F.D., Marquis de.* 1751-1832.

Le Marquis de Jouffroy d'Abbans, inventeur de l'application de la vapeur à la navigation, par J. C. A. Prost. Paris, 1889. 8°. 323 pp. 1 pl.

752 *Jacquard, Joseph Marie.* 1752-1834.

Notice sur C. [*sic*]. M. Jacquard, par L. F. Grognier. Lyon, 1836. 8°. 52 pp.

752 —— Vie de J., par H. Baudrillart. Paris, 1866. sm. 8°. 69 pp.

*753** *Crompton, Samuel.* 1753-1827.

Life and times of S. C., inventor of the spinning machine called the mule, being the substance of two papers read by Gilbert J. French. London, 1859. 8°. 310 pp. 6 pl.

753 —— —— Same. 2nd ed. With an appendix of original documents. By Gilbert J. French. Manchester, 1860. 8°. 315 pp. 6 pl.

753 *Rumford, Sir Benjamin Thompson, Count.* 1753-1814.

Memoir, with notices of his daughter, by G. E. Ellis. Boston, 1871. 4°. 696 pp. 10 pl.

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

753* *Soane, Sir John.* 1753–1837.

A review of the professional life of Sir J. S., by T. L. Donaldson. London, 1837. 8°. 32 pp. 1 pl.

754* *Pilatre di Rozier, Jean François, Aeronaut.* 1754–1786.

Notice sur P. de R., par L. Babinet. Metz, 1865. 8°. 68 pp.

754* *Ruiz Lopez, Hippolito.* 1754–1815.

An historical eulogium on Don H. L. R., first botanist and chief of the expedition to Peru and Chile. From the Spanish [by A. B. Lambert]. Salisbury, 1831. 8°. 63 pp.

z 754* *Sinclair, Sir John.* 1754–1835.

Memoir, with an account of his writings and personal exertions for social and agricultural improvement in Scotland. Edinburgh, 1853. 12°. 33 pp.

z 755* *Sömmerring, Samuel Thomas, von.* 1755–1830.

S. T. von S. und sein Denkmal von Dr. L. Laquer. Frankfurt a M., 1891. 8°. 12 pp.

755* *Stothard, Thomas, R.A.* 1755–1834.

Life, with personal reminiscences, by Mrs. Bray. London, 1851. sm. 4°. 270 pp. 1 pl.

757 *Bentham, Sir Samuel, Brig.-General.* 1757–1831.

Memoir, by his widow, with a list of his inventions. [Excerpt], [1849?] 4°. 39 pp.

757 —— Life, by his widow, M. S. Bentham. London, 1862. 8°. 336 pp.

757 and 757‖ *Telford, Thomas, Civil Engineer.* 1757–1834.

Life, written by himself, containing a descriptive account of his professional labours. Ed. J. Rickman. London, 1838. 4°. 743 pp. and fol. atlas of 83 pl.

758* *Taylor, Samuel, Agriculturist, etc.* 1758–1841.

Memoir of the late S. T., of New Buckenham, Norfolk. [Reprint.] Liverpool, 1841. 8°. 32 pp.

---

* For index to biographies, etc., *see* pp. 307–18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

759* *Keith, Thomas, Mathematician.* 1759-1824.

Memoir. [London, 1840?] 8°. 4 pp.

761* *Brugnatelli, Luigi Valentino.* 1761-1818.

Cenni sulla vita e sugli scritti di L. V. B., professore di chimica nell' Università di Pavia, di A. Cossa. Pavia, 1857. sm. 4°. 32 pp.

761* *Rennie, John.* 1761-1821.

Notice nécrologique sur J. Rennie, Esq., Ingénieur-Civil. London, 1821. 8°. 20 pp.

761* —— —— Same. Translation. MS., 1822. 8°. 30 pp.

762* *Wightman, Rev. John.* 1762-1847.

Life and times of J. W., late minister of Kirkmahoe, by his successor, D. Hogg. London, 1873. 8°. 408 pp.

763 *Symington, William.* 1763-1831.

A brief narrative, proving the right of the late W. S. to be considered the inventor of steam land carriage locomotion; and also the inventor and introducer of steam navigation, by R. Bowie. London, 1833. 8°. 31 pp. 3 pl.

763 —— Biography of W. S., inventor of steam locomotion by sea and land, by J. and W. H. Rankine. Falkirk, 1862. 12°. 82 pp. 3 pl.

765* *Daniel, Sir Francis Columbine.* 1765-182?

Memoir of Sir F. C. D., inventor of the life-preserver used in cases of shipwreck, etc. London, [182?] 8°. 56 pp. 2 pl.

765 *Fulton, Robert.* 1765-1815.

Life, by his friend, C. D. Colden. New York, 1817. 8°. 377 pp. 1 pl.

765 —— R. F. [By J. P. Edwards.] [Excerpt], 185? 8°. 13 pp.

765 —— Life, by T. W. Knox. New York, 1886. 8°. 521 pp. 1 pl.

765 —— R. F., his life and its results, by R. H. Thurston. New York, [1891]. sm. 8°. 198 pp. 1 pl.

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

765 *Niépce, Joseph Nicéphore.* 1765-1833.

La vérité sur l'invention de la photographie. Nicéphore Niépce, sa vie, ses essais, ses travaux, d'après sa correspondance et autres documents inédits, par V. Fouqué. Paris, 1867. 8°. 270 pp. 1 pl.

z 765* —— N. N., inventeur de la photographie. Conférence faite le 22 juin, 1885, par A. Davanne. Paris, 1885. 8°. 33 pp. 1 pl.

766* *Garnier, Jean Guillaume.* 1766-1840.

Notice sur J. G. G., par A. Quetelet. Bruxelles, 1841. 8°. 48 pp.

766 *Macintosh, Charles, of Campsie and Dunchattan, Inventor,* 1766-1843.

Biographical memoir, by his son, G. Macintosh. Glasgow, 1847. 8°. 209 pp. 10 pl.

767* *Bell, Henry.* 1767-1830.

The life of H. B., the practical introducer of the steam-boat into Great Britain, etc. By Ed. Morris. Glasgow, 1844. 16°. 181 pp. 1 pl.

768 *Adam, Éd. J., Inventor of process of extracting alcohol from wine.* 1768-1807.

Notice biographique sur E. [J.] A., par J. [P. L.] Girardin. 2e éd. Rouen, 1856. 8°. 40 pp. 6 pl. 2 facs. AD 62 z.

768* *Slater, Samuel.* 1768-1835.

Memoir of S. S., the father of American manufactures. Connected with a history of the rise and progress of the cotton manufacture in England and America, by G. S. White. 2nd ed. Philadelphia, 1836. 8°. 448 pp. 23 pl.

769* *Cuvier, Georg L. C. F. D., Baron.* 1769-1832.

Memoirs, by Mrs. R. Lee. London, 1833. 8°. 351 pp. 2 pl.

769* *Thomason, Sir Edward, Inventor, Jeweller, etc.* 1769-1849.

Memoirs during half a century. London, 1845. 2 vols. 8°.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

770* *Allen, William,* (*Quaker and Philanthropist*). 1770-1843.

The Spitalfields genius. The story of W. A., retold by J. Fayle. London, 1884. sm. 8°. 219 pp.

771* *Britton, John.* 1771-1857.

The autobiography of J. B. In three parts, viz., part i. Personal and literary memoir of the author. ii. Descriptive account of his literary works. iii. Biographical, topographical, critical and miscellaneous essays. London, 1850. 3 parts in 2 vols. 8°.

771 *Trevithick, Richard.* 1771-1833.

Life, with an account of his inventions, by F. Trevithick. London, 1872. 2 vols. 8°.

771 *Wedgwood, Thomas.* 1771-1805.

T. W., the first photographer. An account of his life, his discovery and his friendship with S. T. Coleridge, and an examination of accounts of alleged earlier photographic discoveries, by R. B. Litchfield. London, 1903. 8°. 288 pp. 16 pl.

773* *Brayley, Edward Wedlake.* 1773-1854.

A brief memoir of E. W. B., by J. Britton. [Reprint.] London, 1855. 32°. 16 pp.

773 *Young, Thomas.* 1773-1829.

Life, by G. Peacock. London, 1855. 8°. 526 pp. 2 pl.

774* *Baily, Francis.* 1774-1844.

Memoir of F. B., by Sir J. F. W. Herschel. [Reprint.] London, 1845. 8°. 48 pp.

774* *Buch, Leopold von, Geologist.* 1774-1853.

Gedächtniss-Rede gehalten in der Versammlung der deutschen geologischen Gesellschaft. Berlin, 1853. 4°. 11 pp.

---

* For index to biographies, etc. *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

775 Girard, Philippe Henri de. 1775-1845.

P. de G., par J. J. Ampère. [Reprint.] Paris 1845. 8°. 16 pp.

775 — P. de G., par B. Rampal. [Reprint.] Paris, 1857. 24 pp.

775 — Vie et inventions de P. de G. inventeur de la filature mécanique du lin, par. G. Desclosières. Paris, 1858. sm. 8°. 140 pp.

776 *Schwilgué, Jean Baptiste.* 1776-1856.

Notice sur les travaux et les ouvrages de mon père, créateur de l'horloge astronomique de la cathédrale de Strasbourg, etc., par C. Schwilgué. Strasbourg, 1858. 8°. 188 pp. 1 pl.

776 *Blainville, Marie Henry Ducrotay de.* 1778-1850.

Funérailles de M. de B. Discours de C. Prevost. Paris, 1850. 4°. 23 pp.

778 *Davy, Sir Humphry.* 1778-1829.

Life, by J. A. Paris. London, 1831. 4°. 563 pp. 2 pl.

778 — H. D., poet and philosopher, by T. E. Thorpe. London, 1896. 12°. 240 pp. 1 pl.

779 *Hedley, William.* 1779-1843.

The inventor of railway locomotion on the present principle. [By M. Archer.] Newcastle-upon-Tyne, 1882. 8°. 66 pp. 5 pl.

779 *Silliman, Benjamin.* 1779-1864.

Life, chiefly from his MS. reminiscences, diaries and correspondence, by G. P. Fisher. New York, 1866. 2 vols. 8°.

781 *Brewster, Sir David.* 1781-1868.

The home life of Sir D. B., by his daughter, Mrs. Gordon. Edinburgh, 1869. 8°. 452 pp. 1 pl.

781 — His last days and death. Remarks . . . at Royal Society of Edinburgh, 17th February, 1868, by Lord Playfair and others. Edinburgh, 1869. sm. 8°. 23 pp.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued,

(*Arranged by birth-date of subject of biography.*)*

781 *Stephenson, George.* 1781-1848.
Life of G. S., railway engineer, by S. Smiles. 5th ed. London, 1858. 8°. 574 pp.

*781** —— The Stephenson centenary. [Reprint.] Ed. W. Duncan. London, 1881. 8°. 130 pp. 9 pl.

*782** *Symonds, Sir William, Rear-Admiral.* 1782-1856.
Memoirs of the life and services of Sir W. S., surveyor of the navy from 1832 to 1847, with correspondence, etc., relative to the ships, etc. constructed upon his lines. Ed. J. A. Sharp. London, 1858. 8°. 724 pp. 3 pl.

783 *Delarothière, Joseph Aug.* 1783-1854.
Inventeur mécanicien à Troyes. Par J. Gréan. Troyes, 1867. 8°. 18 pp.

*784** *Bessel, Friedrich Wilhelm.* 1784-1846.
A brief notice of the life, researches and discoveries of F. W. B., by Sir J. F. W. Herschel. [Reprint.] London, 1847. 8°. 16 pp.

784 *Colby, Thomas, Major-General, R.E.* 1784-1852.
Memoir, with a sketch of the origin and progress of the ordnance survey of Great Britain and Ireland, by Lieut.-Col. J. E. Portlock. London. 1869. 8°. 328 pp. 1 pl.

*784** *Crosse, Andrew.* 1784-1855.
Memorials, scientific and literary, of A. C., the electrician [by his wife, Cornelia A. H. Crosse]. London, 1857. 8°. 372 pp.

786 *Arago, Dominique François Jean, Astronomer.* 1786-1853.
The history of my youth. Trsl. Rev. B. Powell. London, 1855. 8°. 126 pp.

*786** *Chevreul, Michel Eugène.* 1786-1889.
Centenaire de M. C. Discours prononcés au Muséum d'histoire naturelle. [By M. Fremy and others]. Paris, 1886. 4°. 23 pp.

*z 786** —— Séance du centenaire de M. C. (Soc. nat. d'agriculture de France) tenue le 30 Août, 1886. Compte rendu par M. L. Passy. Paris, 1886. 8°. 30 pp.

786 *Hackworth, Timothy.* 1786-1850.
A chapter in the history of railway locomotion, and memoir of T. H. (The father of locomotives). Leamington Spa. [1892.] sm. 8°. 51 pp. 1 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

z 787* *Beudant, François Sulpice.* 1787-1850.

Funérailles de M. B. Discours de M. Dufrénoy. Paris, 1850. 4°. 13 pp.

787* *Dobson, John, Architect.* 1787-1865.

Memoir, with a list of his works, by his daughter, M. J. Dobson. London, 1885. 4°. 131 pp. 2 pl.

788* *Booth, Henry.* 1788-1869.

Memoir of H. B., of the Liverpool and Manchester, and afterwards of the London and North-Western Railway. By R. Smiles. London, 1869. 8°. 117 pp.

788* *Maceroni, Francesco, Colonel.* 1788-1846.

Memoirs of the life and adventures of Col. M. London, 1838. 2 vols. 8°.

789 *Fairbairn, Sir William, Bart.* 1789-1874.

Life, partly written by himself. Ed. etc. Wm. Pole. London, 1877. 8°. 523 pp. 1 pl.

789* *Potts, Dr. Laurence Holker, Inventor.* 1789-1850.

Memoir by H. Clarke. London, 1851. 8°. 15 pp.

791* *Faraday, Michael.* 1791-1867.

Faraday as a discoverer, by J. Tyndall. London, 1868. sm. 8°. 179 pp. 1 pl.

791 —— —— Same. 5th ed. London, 1894. sm. 8°. 211 pp. 2 pl.

791 —— Life and letters, by Dr. B. Jones. London, 1870. 2 vols. 8°.

791 —— M. T., by J. H. Gladstone. London, 1872. 8°. 184 pp.

791 *Mercer, John.* 1791-1866.

The life and labours of J. M., the self-taught chemical philosopher, including numerous receipts used at the Oakenshaw calico-print works. By E. A. Parnell. London, 1886. sm. 8°. 356 pp. 1 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

792 *Babbage, Charles.* 1792-1871.

Passages from the life of a philosopher. [Autobiography.] London, 1864. 8°. 508 pp. 1 pl.

792 *Helmholtz, Hermann von.* 1792-1894.[1]

H. von H., von L. Koenigsberger. Braunschweig, 1902-03. 3 vols. 8°.

792 —— —— Same. [Slightly abridged.] Translated by F. A. Welby, with a preface by Lord Kelvin. Oxford, 1906. 8°. 456 pp.

794 *Rennie, Sir John.* 1794-1874.

Autobiography. London, 1875. 8°. 472 pp. 1 pl.

795 *Barry, Sir Charles, Architect.* 1795-1860.

Memoir of the life and works of Sir C. B., by A. Barry. 2nd ed. London, 1870. 8°. 423 pp. 41 pl.

*795** *Haidinger, Wilhelm von, Mineralogist.* 1795-1871.

Biographical sketch, by Dr. G. Hinrichs. Davenport, Iowa, 1872. 8°. 16 pp. 1 pl.

795 *Hill, Sir Rowland.* 1795-1879.

Life, and the history of penny postage, by Sir R. H. and his nephew G. B. Hill. London, 1880. 2 vols. 8°.

*796** *Heilmann, Josué.* 1796-1848.

Notice nécrologique par M. H. Thierry-Koechlin. [Excerpt.] 1848. 8°. 22 pp.

*797** *Claudet, Antoine François Jean, Photographer.* 1797-1867.

A memoir [by J. Ellis]. [Reprint.] London, 1868. 8°. 32 pp. 1 pl.

*797** *Panizzi, Sir Antonio.* 1797-1879.

Life of Sir A. P., late principal librarian of the British Museum, by L. Fagan. London, 1880. 2 vols. 8°.

*798** *Neumann, Franz Ernst.* 1798-1895.

F. N. und sein Wirken als Forscher und Lehrer. Von A. Wangerin. Braunschweig. 1907. 8°. 196 pp. Portr.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

*798** *Wheelwright, William.* 1798-1873.

Life and industrial labors of W. W. in South America, by J. B. Albérdi. From the Spanish, with an introduction by the Hon. Caleb Cushing. Boston, Mass, 1877. 8°. 277 pp.

799 *Schoenbein, Christian Friedr.* 1799-1868.

C. F. S., von, E. Hagenbach. Basel, 1868. 4°. 87 pp.

799 —— Letters of Faraday and [C. F.] S., 1836-62, with notes, etc., by G. W. A. Kahlbaum and F. V. Darbishire. Bâle and London, 1899. 8°. 393 pp. 2 pl.

799 —— Letters of J. J. Berzelius and C. F. Schönbein, 1836-47. Ed. G. W. A. Kahlbaum, trsl. F. V. Darbishire and N. V. Sidgwick. London, 1900. 8°. 112 pp.

799 —— J. von Liebig and C. F. S. Briefwechsel, 1853-68. Mit Anmerkungen, u.s.w. von. G. W. A. Kahlbaum und E. Thon. Leipzig, 1900. 8°. 300 pp.

*800** *Dumas, Jean Baptiste.* 1800-1884.

L'œuvre de J. B. D. par E. Maindron. Introd. par M. Schützenberger. Paris, 1886. 8°. 74 pp.

800 *Goodyear, Charles,* 1800-60.

Trials of an inventor: life and discoveries of C. G. By B. K. Peirce. New York [1866]. sm. 8°. 224 pp. 4 pl.

801 *Airy, Sir George Biddell, Astronomer Royal.* 1801-1891.

Autobiography. Ed. W. Airy. Cambridge, 1896. 8°. 426 pp.

*801** *Jeffreys, Julius.* 1801-1877.

A confutative biographical notice of J. J., by Lieut.-Col. E. Jeffreys. London, 1855. 8°. 38 pp.

1802. *Fourneyron, Benoit,* 1802-1867.

Analyse des travaux de B. F. [Paris, 1843?] 4°. 34 pp. *Woodcraft Coll.* AB 70/**

*802** *Magnus, Heinrich Gustav.* 1802-1870.

Zur Erinnerung an G. M., nach einem Vortrage von A. W. Hofmann. Berlin, 1871. 8°. 111 pp. 2 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

803 *Ericsson, John.* 1803-1889.

Life, by W. C. Church. New York, 1891. 2 vols. 8°.

803 *Leibig, Justus, Baron von.* 1803-1873.

Aus J. L.'s und F. Wöhler's Briefwechsel, 1829-73. Hrsg. A. W. Hofmann. Braunschweig, 1888. 2 vols. 8°.

803 —— Berzelius und L. Ihre Briefe von 1831-45, mit erläuternden Einschaltungen aus gleichzeitigen Briefen von L. und Wöhler. Hrsg. J. Carrière. Munich, 1893. 8°. 287 pp. 2 pl.

803 *Reynaud, Léonce, Engineer.* 1803-1880.

L. R., sa vie et ses œuvres, par l'un de ses élèves. Paris, 1885. 8°. 266 pp. 1 pl. (33,448)

803 *Stephenson, Robert.* 1803-1859.

Life, by J. C. Jeaffreson, with chapters on some of his most important works, by W. Pole. London, 1864. 2 vols. 8°.

803 —— Life, by D. Stevenson. Edinburgh, 1878. 4°. 294 pp. 13 pl.

*804** *Baxter, George, Engraver and Colour-Printer.* 1804-1867.

Life of G. B., together with a priced list of his works, written, etc., by Ch. F. Bullock. Birmingham, 1901. sm. 4°. 29 pp. 4 pl.

804 —— G. B. (colour printer), his life and works. A manual for collectors. By C. T. C. Lewis. London, 1908. 8°. 294 pp. 32 pl.

*804** *Chevalier, Charles Louis.* 1804-1859.

Étude sur la vie et les travaux scientifiques de C. C., ingénieur-opticien, par A. Chevalier, son fils. Paris, 1862. 8°. 221 pp. 3 pl.

*804** *Colburn, Zerah, Senior.* 1804-1839.

Memoir, written by himself . . . with his peculiar methods of calculation. Springfield, Mass., 1833. 8°. 112 pp. 1 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

805 *Graham, Thomas.* 1805-1869.

The life and works of T. G., illustrated by 61 unpublished letters, by Dr. R. Angus Smith. Ed. J. J. Coleman. Glasgow, 1884. 8°. 114 pp. 1 pl.

*805** *Hamilton, Sir William Rowan, Astronomer.* 1805-1865.

Memoir, reprinted from "Dublin Univ. Mag." Dublin, 1842. 8°. 18 pp.

*805** —— Memoir, reprinted from "Gentleman's Mag." London, 1866. 8°. 16 pp.

*805** —— Éloge, delivered by the very Rev. C. Graves. Dublin, 1865. 8°. 14 pp.

*805** *Locke, Joseph, C.E.* 1805-1860.

Life, by J. Devey. London, 1862. 8°. 370 pp. 1 pl.

*z 806** *Muir, William, Mech. Engineer.* 1806-1888.

Brief memoir, by R. Smiles. [London, 1888.] 8°. 26 pp.

*z 807** *Owen, David Dale, Geologist.* 1807-60.

Obituary notice. [By R. O. Washington, 1861.] 8°. 3 pp.

*808** *Cavalli, G., Artillerist.* 1808-1908.

Nel centenario della nascita del Gen. G. C. Roma, 1908. 8°. 76 pp. 9 pl.

808 *Nasmyth, James.* 1808-1890.

Autobiography, ed. S. Smiles. London, 1883. 8°. 474 pp. 10 pl.

*811** *Simpson, Sir James Young.* 1811-1870.

Sir J. Y. S. and chloroform. By H. L. Gordon. London, 1898. sm. 8°. 245 pp. 1 pl.

*811** *Uchatius, Franz, General.* 1811-1881.

Lebensbild des Generals U. des Erfinders der Stahlbronzegeschütze, von A. v. Lenz. Wien, 1904. 8°. 168 pp. 1 pl.

---

* For index to biographies, etc., see pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

*813** *Berthon, Rev. Edward Lyon, Inventor.* 1813-1899.

A retrospect of eight decades. [Autobiography.] London, 1899. 8°. 221 pp. 9 pl.

813 *Bessemer, Sir Henry.* 1813-1898.

An autobiography. With a concluding chapter [by his eldest son]. London, 1905. 4°. 396 pp. 51 pl.

*813** *Michaux, Pierre and Ernest.* 1813-1882.

Biographies et souvenirs de P. et E. M., Inventeurs de la "Pédale." Edmond, Henry et Francisque Michaux leurs collaborateurs [par Henri de Lausac]. Levallois-Perret, 1906. 8°. 72 pp.

*814** *Pole, William.* 1814-1900.

Some short reminiscences of events in my life and work, abbreviated from MS. notes. [Bibliography of Pole's writings from 1836-96; 7 pp.] Printed for private distribution only. [London, 1898.] sm. 8°. 114 pp. 1 pl.

*815** *Nixon, John.* 1815-1899.

J. N., pioneer of the steam coal trade in South Wales. A memoir by J. E. Vincent. London, 1900. 8°. 253 pp. 1 pl.

*815** *Pettenkofer, Max Josef von.* 1818-1901.

M. von P., zum Gedächtniss. Rede gehalten von C. von Voit. München, 1902. 4°. 160 pp.

*821** *Boyle, Robert, Inventor and Philanthropist.* 1821-1878.

A biographical sketch, by L. Saunders. London, 1885. sm. 8°. 104 pp. 2 pl.

*821** *Muspratt, James Sheridan.* 1821-1871.

Biography, written for the "Lancet," by a London Bar.-at-Law. London, 1852. 8°. 32 pp. 1 pl.

*821** —— Biography, by Wm. White. London, [1860]. 8°. 32 pp. 1 pl.

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1900, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

822 *Pasteur, Louis.* 1822-1895.

P., by Mr. and Mrs. P. Frankland. London, 1898. sm. 8°. 232 pp. 2 pl.

822 —— Vie de P., par R. Vallery-Radot. Paris, 1900. 8°. 692 pp. 1 pl.

*822** *Strousberg, B. H.* 1822-

Dr. S. und sein Wirken, von ihm selbst geschildert. Berlin, 1876. 8°. 492 pp. 2 pl.

823 *Siemens, Sir Charles William.* 1823-1883.

Life of Sir W. Siemens, by W. Pole. London, 1888. 8°. 424 pp. 1 pl.

824 *Elder, John.* 1824-1869.

Memoir of J. E., engineer and shipbuilder, by W. J. M. Rankine. Edinburgh, 1871. sm. 8°. 87 pp. 1 pl.

824 *Harvey, Hayward Augustus, Inventor.* 1824-1893.

Memoir, by his sons. New York, 1900. 8°. 104 pp. 14 pl.

z 824 *Kelvin of Largs, William Thomson 1st Baron.* 1824-1907.

The life and work of Lord Kelvin (Kelvin Lecture, Inst. E. E.). By Silvanus P. Thompson. London, 1908. 8°. 24 pp.

*824** *Vaudrey, Paul Émile, Engineer.* 1824-1877.

Notice nécrologique par. H. Rousselle et J. Darcel. Paris, 1877. 8°. 15 pp.

826 *Douglass, Sir James Nicholas, Lighthouse Engineer.* 1826-1898.

Life of Sir J. N. D, formerly engineer-in-chief to the Trinity House, by T. Williams. London, 1900. 8°. 207 pp. 1 pl.

826 *Manzetti, Innocenzo Vincenzo Bartolomeo Luigi Carlo.* 1826-1877.

I. M. di Aosta [l'inventore del telefono]. Appunti e spigolature di T. Tibaldi. Torino, 1897. sm. 8°. 98 pp. 1 pl.

---

* For index to biographies, etc., *see* pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued.

(*Arranged by birth-date of subject of biography.*)*

827 *Drayson, Alfred Wilks, Major-Gen., R.A.* 1827-

Experiences of a Woolwich professor during 15 years at the Royal Military Academy. London, 1886. 8°. 324 pp.

829* *Jeffcock, Parkin, C.E.* 1829-1866.

Memoir, by his brother, J. T. Jeffcock. London, 1867. 8°. 140 pp. 3 pl.

831 *Maxwell, James Clerk.* 1831-1879.

Life, with a selection from his correspondence, etc., by L. Campbell and W. Garnett. London, 1882. 8°. 678 pp. 10 pl.

832 *Bright, Sir Charles Tilson, Civil Engineer.* 1832-1888.

The life story of Sir C. T. B., with which is incorporated the story of the Atlantic cable, and the first telegraph to India and the Colonies, by his brother, E. B. Bright, and his son, C. Bright. London, 1904. 2 vols. 8°.

833* *Gale, James.* 1833- ?

The story of a blind inventor, being some account of the life and labours of Dr. J. G., inventor of the non-explosive gunpowder process, etc., by J. Plummer. London, 1868. 8°. 311 pp. 1 pl.

833 *Roscoe, Sir Henry Enfield.* 1833-

Life and experiences, written by himself. London, 1906. 8°. 432 pp. 29 pl.

833* *Tangye, Sir Richard.* 1833-1906.

"One and all." An autobiography of R. T., of the Cornwall Works, Birmingham. The growth of a great industry. London, 1889. 16°. 202 pp.

833* —— The rise of a great industry. New ed. London, 1905. sm. 8°. 176 pp. 2 pl.

834 *Reis, Philipp.* 1834-1874.

P. R., inventor of the telephone. A biographical sketch, with documentary testimony, etc., by S. P. Thompson. London, 1883. 8°. 191 pp. 3 pl.

---

* For index to biographies, etc., see pp. 307-18.

BIOGRAPHY (*Single lives, A.D. 1000, etc.*)—continued

(*Arranged by birth-date of subject of biography.*)*

835 *Bidwell, B.* 1835-

Inventor of the trolley car, electric fan and cold motor. Chicago, 1907. sm. 8°. 258 pp. Portr.

839 *Trouvé, Gustave.* 1839-

Histoire d'un inventeur. Exposé des découvertes et des travaux de M. G. T. dans le domaine de l'électricité, par G. Barral. Paris, 1891. 8°. 626 pp. 1 pl.

847 *Edison, Thomas Alva.* 1847-

E. and his inventions, ed. J. B. McClure. Chicago, 1879. 8°. 172 pp. 1 pl.

847 —— E., sa vie, ses œuvres. Esquisses américaines par E. Durer. Paris. 12°. 114 pp.

847 —— T. A. E.: sixty years of an inventor's life, by F. A. Jones. London, 1907. 8°. 381 pp. 17 pl.

850 *Thomas, Sidney Gilchrist.* 1850-1885.

Memoir and letters of S. G. T., inventor, ed. by R. W. Burnie. London, 1891. 8°. 326 pp. 2 pl.

BIOGRAPHY, NATIONAL: AMERICAN. AD 436

835* *Sparks, J.* The library of American biography. [Series 1.] [1835.] New York. [Reprinted] 1856. 10 vols. sm. 8°.

A collection of memoirs by various writers. General index in vol. 10.

844* —— The same. 2nd series. [1844.] Boston. [Reprinted] 1852. 15 vols. sm. 8°.

General index in vol. 15.

857 *Allen, W.* The American biographical dictionary. 3rd ed. Boston, Mass., 1857. 8°. 914 pp.

872 *Drake, F. S.* Dictionary of American biography. With Supplement. Boston, Mass., 1872. 8°. 1,029 pp.

* For index to biographies, etc., *see* pp. 207-18.

BIOGRAPHY, NATIONAL: DUTCH. AD 434

827* *Collin*, —. Notices biographiques sur les hommes illustres des Pays-Bas, composant la collection executée par le Chev. Simon, graveur, etc. Bruxelles, 1827. 8°. 72 pp.

BIOGRAPHY, NATIONAL: ENGLISH. AD 437

691* *Wood, A. à.* Athenæ Oxonienses. An exact history of all the writers and bishops who have had their education in the University of Oxford. [1691-1813.] New ed., by P. Bliss. London, 1813-20. 4 vols. 4°.

Memoirs arranged in chronological order with general index in vol. 4.

773* *British* biography . . . from Wickliff, etc. [Vol. 1-7. ed. J. Towers.] Vol. 1-10. London, *R. Goadby*, 1773-80. 10 vols. portrs. 8°.

In chronological order.

832* *Georgian Era.* The Georgian Era: memoirs of the most eminent persons, who have flourished in Great Britain from the accession of George I. to the demise of George IV. [Ed. Wm. à Becket.] London, *Vizetelly, Branston & Co.*, 1832-34. 4 vols. sm. 8°.

833* *Coleridge, H.* Biographia Borealis; or lives of distinguished Northerns. London, 1833. 8°. 740 pp. 2 pl.

837* *Cunningham, G. G.* Lives of eminent and illustrious Englishmen. Glasgow, 1837. 8 vols. 8°.

Object of work to combine study of history and biography by presenting the lives in chronological relation to each other.

867* *Lonsdale, H.* The worthies of Cumberland. London, 1867-74. 5 vols. 8°. portrs.

871* *Meteyard, E.* A group of Englishmen (1795 to 1815), being records of the younger Wedgwoods and their friends; embracing the history of the discovery of photography and a facsimile of the first photograph. London, 1871. 8°. 438 pp. 1 pl.

892 *Boase, F.* Modern English biography, containing [about 8,000] concise memoirs of persons who have died since 1850. With an index of the most interesting matter. Truro, 1892-1900. 3 vols. 8°.

903 *Stephen, Sir L.* Dictionary of National Biography. Index and epitome, edited by S. Lee. London, 1903. 8°. 1,463 pp.

BIOGRAPHY, NATIONAL: ITALIAN. AD 410

*834** *Tipaldo, E. A. de.* Biografia degli Italiani illustri . . . del secolo xviii. e de'contemporanei. Venezia, 1834-45. 10 vols. 8°.

Biography, Oriental. *See* Oriental Biography. AD 39

BIOGRAPHY: UNIVERSAL (*Bibliography and Indexes*). AD 20

854 *Oettinger, E. M.* Bibliographie biographique universelle. Bruxelles, 1854. 2 vols. 8°.

869 *Phillips, L. B.* The dictionary of biographical reference. New ed., with supplement. London, 1871. 8°. 1,051 pp.

Appendix; classed index of works upon biography prior to 1870; pp. 1,006-38.

BIOGRAPHY: UNIVERSAL (*Dictionaries and Collections*). AD 23

*682/** *Bullart, I.* Académie des Sciences et des Arts, contenant les vies et les éloges historiques des hommes illustrés . . . depuis environ quatre siècles parmy diverses nations de l'Europe: avec leurs portraits. Amsterdam, 1682. 2 vols. fol. 274 plates in text. 2nd ed.

*798** *New.* A new and general biographical dictionary. New ed. [by W. Tooke, R. Nares, W. Beloe, and — Morrison.] London, *Robinson and others*, 1798. 15 vols. 8°.

*799** *Aikin, J. and others.* General biography. London, 1799-1815. 10 vols. 4°.

811 *Biographie Universelle*, ancienne et moderne. Rédigé par "Une Société de gens de lettres et de savants. Vol. 1-52. A-Z. Vol. 53-55. Partie mythologique. Avec Supplement. Vol. 56-84. Paris, 1811-57. 84 vols. 8°.

*812** *Chalmers, A.* The general biographical dictionary, etc. New ed. London, 1812-17. 32 vols. 8°.

821 *Watkins, J.* The universal biographical dictionary [with special reference to the United Kingdom]. New ed. [With Supplement.] London [1821]. 8°. 1,185 pp., biogr. chart.

An abridgment of the larger dictionaries with references appended.

832 *Peignot, E. G.* Dictionnaire historique et bibliographique contenant l'histoire abrégée des personnages illustres . . . des dieux et des héros de la mythologie. Par L. [sic] G. Peignot. [3e éd.] Paris, 1832. 3 vols. in four.

P. is sa to have contributed to a portion of A. only.

BIOGRAPHY: UNIVERSAL (*Dictionaries and Collections*)—cont.

*833** *Society for the Diffusion of Useful Knowledge.* Lives of eminent persons. [13 lives paged separately.] London, 1833. 8°.

*835** *Jacquelin, J. A.* Manuel de biographie, ou dictionnaire historique abrégé. Revu, etc. par — Noël. 2e éd. Paris, 1835. 2 vols. in one. 18°.

*842** *Society for the Diffusion of Useful Knowledge.* The biographical dictionary of the Society, etc. Vol. 1-vol. 4. pt. 1. Letter A (all publ.). London, 1842-44. 7 vols. 8°.

*848** *Rose, H. J.* A new general biographical dictionary. London, 1848. 12 vols. 8°.

*851** *Gorton, J.* A general biographical dictionary. New ed. [Supplement; Bibliography; Chronology.] London, 1851. 4 vols. 8°.

855 *Hoefer, J. C. F.* Nouvelle biographie générale, depuis les temps les plus reculés jusqu' à nos jours. Avec les renseignements bibliographiques, etc. Paris, *F. Didot Frères*, 1855-66. 46 vols. 8°.

1870-71. *Thomas, J.* Universal pronouncing dictionary of biography and mythology. [Vocabulary of Christian names, etc.] Philadelphia. 2 vols. 8°. AO 06

884 *Parton, J.* Captains of industry. Series i-ii. Boston, [1884-91]. 2 vols. sm. 8°.

BIOGRAPHY: UNIVERSAL (*Charts*). AD 27

*790*** *Priestley, J.* A description of a chart of biography. With a catalogue of all the names inserted in it, etc. New ed. London, *J. Johnson*, 1790. 12°. 72 pp. 1 pl.

—— —— Same. New ed. [Reprinted.] London, *Baldwin, Cradock & Joy*, 1820. 12°.

BIOGRAPHY: UNIVERSAL (*Periodicals*). AD 39

*800** *Necrology*, being memoirs of the lives of eminent and extraordinary characters [who died between the years 1756 and 1798] . . . including also various articles of neglected biography. 2nd ed. London, *Lackington, etc.*, 1805. 8°. 671 pp.

Originally published as the "Annual Necrology," 1797-98, etc.

*817** *Annual Biography and Obituary* (the) for the years 1817-37. Vol. i.-xxi. London, 1817-37. 21 vols. 8°.

BIOGRAPHY: UNIVERSAL—CONTEMPORANEOUS. AD 34

820 *Arnault, A. V. and others.* Biographie nouvelle des contemporains . . . Orné de 240 portraits au burin. [Tableau chronologique 1787-1820; Tome 1, pp. xvii.-xciv.] Paris, 1820-25. 20 vols. 8°.

825* *New.* A new biographical dictionary of 3,000 contemporary public characters, British and foreign. 2nd ed. London, *G. B. Whittaker*, 1825. 3 vols. 12°. portrs.

Based upon the preceding work.

857* *Men of the Time.* Men of the time: a dictionary of contemporaries, etc. New ed., by E. Walford. London, *Routledge*, 1857. 8°.

872* *Men of the Time.* Men of the time: a dictionary of contemporaries, etc. 8th ed., by T. Cooper. London, *Routledge*, 1872. 8°. 1,015 pp.

875* *Men of the Time.* A dictionary of contemporaries, etc. 9th ed., by T. Cooper. London, *Routledge*, 1875. sm. 8°. 1,061 pp.

884 *Men of the Time.* 11th ed., by T. Cooper. London, *Routledge*, 1884. sm. 8°. 1,175 pp.

907 *Who's Who.* London, 1907, etc. 8°

BIRMINGHAM. AR 43362

886* *Handbook* of Birmingham. (*British Association.*) Birmingham, 1886. sm. 8°. 399 pp. 1 map.

Birmingham industries. *See* England (*Midland and N.W. districts*), Industries. AR 4332 1

BLACK FOREST: INDUSTRIES. AR 4777 1

874* *Trenkle, J. B.* Geschichte der Schwarzwälder Industrie. Karlsruhe, 1874. 8°. 376 pp.

BLIND: CARE AND EDUCATION. AV 6241

819 *Guillié* . An essay on the instruction and amusements of the blind, [1819]. London. Reprinted, 1894. 8°. 168 pp. 21 pl.

z 836 [*Alston, J.*] Statements of the education, employment and internal arrangements adopted at the Asylum for the Blind, Glasgow. Also, the 9th Annual Report . . . of the Asylum. 4th ed. Glasgow, 1836. 8°. 2 pts.

BLIND: CARE AND EDUCATION—continued.

837 *Account* of the recent discoveries which have been made for facilitating the education of the blind, with specimens of the books, maps, pictures, etc., for their use. Edinburgh, *J. Gall*, 1837. 18°. 116 pp. 4 pl.

1867. *Johnson, E. C.* Report on apparatus and methods used in the instruction of the blind. *Paris Univ. Exhibition*, 1867: *British Commission*. Reports. Vol. iii., 1868. pp. 149-81. 8°. AB 867 sa

1868. *Plummer, J.* The story of a blind inventor; being some account of the life and labours of Dr. J. Gale, inventor of the non-explosive gunpowder process, etc. London. sm. 8°. 310 pp. Portr. AD 62: 833

1871. *Johnson, E. C.* Report on the . . . methods and results of teaching . . . the blind and deaf and dumb, etc. *London Internat. Exhibition*, 1871. Official reports. Vol. 2, pt. 9. pp 49-66. AB 871 r

871* *Turner, M.*, and *Harris, W.* A guide to the institutions and charities for the blind . . . with lists of books and appliances for their use, a catalogue of books upon the subject of the blind, etc. London, 1871. 8°. 114 pp.

1873. *Kaltner, E.* Der Blinden- und Taubstummenunterricht. *Vienna Universal Exhibition*, 1873. Officieller Ausstellungs-Bericht. Heft 26. pp. 1-18. 8°. AB 873 r

1878. *Congrès Universel pour l'amélioration du sort des Aveugles, etc. Paris Univ. Exhibition*, 1878. Congrès, etc., No. 29, 1879. 8°. pp. 1-376, 10 plates of typography for the blind. AB 878 x

BLIND: EMBOSSED PRINTING FOR. AV 6243

z 841 *Royal Scottish Society of Arts.* Report of the Committee . . . regarding the best alphabet and method of printing for the use of the blind. [Edinburgh 1841.] 8°. 34 pp. 1 pl.

843 *Hughes, G. A.* The new punctiuncula stenographic system of embossing, by which the blind of all nations will be able to emboss for themselves on any paper without the use of type. London, 1843. 8°. 31 ll. (printed on one side only).

853 *Johnson, E. C.* Tangible typography; or how the blind read. [With sample plates of various systems.] London, 1853. 8°. 48 pp. 9 pl.

873 *Moon, W.* Light for the blind; a history of the origin and success of Moon's system of reading (embossed in various languages) for the blind. London, 1873. 8°. 188 pp. Portr. 1 pl.

BOHEMIA. AR 562

842* *Glückselig, A. M.* Der Elbogener Kreis des Königl. Böhmen. In medizinisch, naturhistorischer und statistischer Hinsicht. Carlsbad, 1842. 8°. 282 pp. 1 map and frontis.

BOHEMIA: INDUSTRIES. AR 562 1

836* *Kreutzberg, K. J.* Skizzirte Uebersicht des gegenwärtigen Standes, etc. von Böhmens Gewerbs- und Fabriks-Industrie, etc. Prag, 1836. 8°. 118 pp.

BONE UTILIZATION. AB 35

877* *Friedberg, W.* Die Fabrikation der Knochenkohle, und des Thieröles. Wien, 1877. sm. 8°. 216 pp.

880* *Huyard, —.* Des os et leur emploi dans la fabrication du noir animal, du suif, du sulfate d'ammoniaque, des boutons, etc. Procédés nouveaux. [Reprint.] Bordeaux, 1880. 8°. 31 pp.

884* *Friedberg, W.* Die Verwertung der Knochen auf chemischem Wege. Wien, 1884. sm. 8°. 356 pp.

901 —— Same. 2te Aufl. Wien. sm. 8°. 320 pp.

901 *Lambert, T.* Bone products and manures. An account of the manufacture of fat, glue, animal charcoal, size, gelatine, and manures. London. 8°. 170 pp.

906 *Friedberg, W.* Die Fabrikation der Knochenkohle und des Tieröles. 2te Aufl. Wien, 1906. sm. 8°. 193 pp.

BOOK-CATALOGUING APPLIANCES. AN 37

874** *Bonnange, F.* Projet d'un catalogue universel des productions intellectuelles. Mémoire sur les moyens à employer pour dresser rapidement des catalogues, etc. Paris, 1874. 8°. 47 pp. 1 pl.

Advocates use of hinged cards secured in horizontally divided cabinets.

BOOK-CATALOGUING, COOPERATIVE. AN 36

1902. *Jahr, T.*, and *Strohm, A. J.* Bibliography of cooperative cataloguing and the printing of catalogue cards, with incidental references to international bibliography and the universal catalogue (1850–1902). *U.S. Congress (Library).* Report of the Librarian of Congress, 1901–02. pp. 109–224. AL 78 con**

903** —— Same. [Reprint.] Washington, 1903. 8°. 116 pp.

BOOK-CATALOGUING: DICTIONARY SUBJECT HEADINGS. AN 31

895** *American Library Association.* List of subject headings for use in dictionary catalogs. Boston, Mass., 1895. 8°. 193 pp.

895** —— Same. 2nd ed. With appendix containing hints on subject cataloging, etc. Boston, Mass., 1898. 8°. 212 pp.

BOOK-CATALOGUING RULES. AN 30

853** *Jewett, C. C.* On the construction of catalogues of libraries and their publication by means of separate stereotyped titles. 2nd ed. (Smithsonian Report). Washington, 1853. 8°. 108 pp.

856** *Art.* The art of making catalogues of libraries. [By A. Crestadoro.] London, *The Literary, etc. Reference Office*, 1856. 8°. 60 pp.

1876. *Cutter, C. A.*] Rules for a printed dictionary catalogue. 88 pp. *U.S.: Bureau of Education.* Public libraries in the United States. Part 2. 8°. AK 70876**:

889** *Cutter, C. A.* [Rules for a dictionary catalogue 2nd ed.] [Washington, 1889.] 8°. 140 pp.
Title-page wanting.

890** *Linderfelt, K. A.* Eclectic card catalog rules, author and title entries based on Dziatzko's "Instruction" compared with the rules of the British Museum, Cutter, etc. With . . . list of Oriental titles, etc. Boston, 1890. 8°. 112 pp.

899** *Prussia: Ministerium der geistlichen Unterrichts- und Medizinal -Angelegenheiten.* Instruktionen für die alphabetischen Kataloge der preussischen Bibliotheken und für den preussischen Gesamt-Katalog. Berlin, 1899. 8°. 163 pp.

899** *Quinn, J. H.* Manual of library cataloguing. London, 1899. sm. 8°. 164 pp.

904** *Cutter, C. A.* Rules for a dictionary catalogue. 4th ed. Washington, 1904. 8°. 173 pp.

906** *U.S. Congress, Library.* Special rules on cataloging. To supplement A. L. A. Rules 1-21. Washington, 1906. 8°. 26 pp.

BOOK CLASSIFICATION (*General treatises*). AN 40

*845/** *Edwards, E.* A comparative table of the principal schemes for the classification of libraries, etc.: a special report on the classed catalogue of the Manchester Free Library. Manchester, 1855. fol.

*z 897** *Didier, C.* Projet d'une encyclopédie des sciences appliquées. Bruxelles, 1897. 8°. 36 pp.

*901** *Richardson, E. C.* Classification, theoretical and practical: 1, the order of the sciences; 2, the classification of books. Appended: Bibliographical history of systems of classification. New York, 1901. 8°. 262 pp.

BOOK CLASSIFICATION (*Systems*). AN 41

*889** *Sion College Library.* Order of the classification. [By W. H. Milman.] 2nd ed. London, 1889. 8°. 120 pp.

*891** *Cutter, C. A.* Expansive classification Part 1. The first six classifications. Boston, Mass., 1891-93. 8°. 160 pp.

Inserted [outline of] The Expansive classification, by C. A. Cutter, 1889.

(*General scheme.*)

—— —— Same. 7th Classification. Local list.—A. Generalia; B. Philosophy (two schemes); D. Ecclesiastical History; E. Biography; F. History; G. Geography; H-K. Social Sciences; L.-O. Natural Sciences; Q. Medicine; R. Useful Arts; S. Engineering; T. Machinery; U.-V. Recreative Arts; W. Fine Arts; X. Language; Y. Literature; Z. Book Arts. [189 , etc.] 8°.

Not published (1908); A, L (except Lr-Lz. Astronomy) O, P.

*894** *Dewey, M.* Decimal classification and relative index for libraries, etc. 5th ed. Boston, Mass., 1894. 8°. 593 pp.

For illustration of system in practical use. See *New York State Library Bulletin.* Annual Report No. 77. Containing additions, 1890-94. Arranged by the decimal classification; pp. 511-1364.

*898** *Brown, J. D.* Manual of library classification and shelf arrangement. London, 1898. sm. 8°. 160 pp.

Chap. 6: Schedule of the adjustable classification scheme; pp. 97-160.

BOOK CLASSIFICATION (*Systems*)—continued.

*901*** *U.S. Congress (Library)* Classification. [i] Outline scheme of classification. [ii] Card catalog. Preliminary list of subject sub-divisions. [*With the following classes, viz.:*] E. America: History and Geography. M. Music. ML. Literature of music. MT. Musical instruction. Q. Science. Z. Bibliography and library science. Washington, 1901, etc. 8°. *In progress.*

*905*** *Institut International de Bibliographie.* Manuel du répertoire bibliographique universel. Bruxelles, 1905. 13 pts. with separate pagination in one vol. 8°.

The Continental extension of the Dewey Decimal System.

*906*** *Brown, J. D.* Subject classification, with tables, indexes, etc., for the sub-division of subjects. London, 1906. 8°. 423 pp.

BOOK CLASSIFICATION: AGRICULTURE AND RURAL ECONOMY. AN 51 gr

*900*** *Vermorel, V.* Manuel du répertoire bibliographique des sciences agricoles établi d'après la classification décimale. [Bourg, 1900.] 8°. 248 pp.

1900. *Wyer, J. I.* A classification of the literature of agriculture enlarged from the decimal classification of M. Dewey. *Nebraska University Agricultural Experiment Station.* Report 13. pp. 91-121. J 30 N:

BOOK CLASSIFICATION: ARCHITECTURE. AN 51 rc

1906. *Ricker, N. C.* An extension of the Dewey decimal system of classification applied to architecture and building. 101 pp. *Illinois (Univ.) Engineering Expt. Station:* Bulletin. No. 13. E 12: 904

BOOK CLASSIFICATION: BIBLIOGRAPHY. AN 52 ib

*901*** *Grolier Club.* A tentative scheme of classification for the library of the Grolier Club. New York, 1901. 16°. 20 pp.

BOOK CLASSIFICATION: ELECTRO-CHEMISTRY. AN 55 le

*905*** *Voge, A. L.* Systematic code for the relative classification of a card bibliography of electro-chemistry, etc. [With additions, April, 1906.] Zürich, *Concilium Bibliographicum*, 1905-6. 8°. 98 pp.

BOOK CLASSIFICATION: ENGINEERING. AN 55 ng

1906. *Breckenridge, L. P.*, and *Goodenough, G. A.* An extension of the Dewey decimal system of classification applied to the engineering industries. 72 pp. *Illinois (Univ.) Engineering Expt. Station.* Bulletin. No. 2. E 12 Ill: 904

BOOK CLASSIFICATION: GAMES AND SPORTS. AN 57 am

*902** *Institut International de Bibliographie.* Manuel pour la formation et usage du répertoire bibliographique universel de la locomotion et des sports (Tourisme, cyclisme et automobilisme) établi d'après la classification bibliographique décimale. Édition Française. Bruxelles, 1902. 8°. 5 pts.

BOOK CLASSIFICATION: PHOTOGRAPHY. AN 66 ho

*900** *Institut International de Bibliographie.* Manuel pour l'usage du répertoire bibliographique de la photographie établi d'après la classification décimale. Édition Française. Bruxelles, 1900. 8°. 5 pts.

BOOK CLASSIFICATION: PHYSICS. AN 66 hy

*899** *Institut International de Bibliographie.* Manuel pour l'usage du répertoire bibliographique des sciences physiques établi d'après la classification décimale. Édition Française. Bruxelles, 1899. 8°. 158 pp.

BOOK CLASSIFICATION: RAILWAYS. AN 68 ai

*897** *Weissenbruch, L.* Bibliographical decimal classification as applied to railway science. [Bibliographical International Office.] [Reprint.] Brussels, 1897. 4°. 61 pp.

BOOK CLASSIFICATION: SCIENCE. AN 69 ci

*898** *International Catalogue of Scientific Literature.* [Reports classification schedules, etc.] 1898, etc. 8°.

BOOKKEEPING. AW 94

*680/** *Browne, T.* The infallible . . . method of merchants accompts; exemplified, etc. London, 1688. fol. 29 ll. Sigs. A-P 2.

*709/** *Snell, C.* A guide to book-keepers, according to the Italian manner. London, 1709. fol. 16 pp.

*720/** —— The merchant's counting-house; or, Wast-book instances, etc. London, 1720. fol. 22 pp.

*796** *Jones, E. T.* Jones's English system of book-keeping by single or double entry, etc. [Letters Patent No. 2,083 of 1796.] Bristol, 1796. 4°. 30 pp. 23 ll. (Tables, etc.)

906 *Thompson, E. W.* Book-keeping by machinery. New York, 1906. 8°. 192 pp.

BOOK PESTS. AK 51

*880*** *Blades, Wm.* The enemies of books. 2nd ed. London, 1880. 8°. 132 pp. 7 pl.

*898*** *O'Conor, J. F. X.* Facts about bookworms, their history in literature and work in libraries. London, 1898. sm. 8°. 87 pp.

*903*** *Houlbert, C.* Les insectes ennemis des livres, leurs mœurs, moyens de les détruire. Paris, 1903. 8°. 307 pp. 3 pl.

Bibliography; pp. xxvii.-xxxvi.

Book prices, records. *See* Bibliography, Historical and Æsthetic. (*History prices*). A 1 30

Book rarities. *See* Bibliography, Historical and Æsthetic. AI-AI 35

BOOK SELECTION. AN 20

*801*** *Hoppe, H.* Katalog der wichtigeren, hervorragenden und besseren Schriften Deutscher Literatur . . . 1801-68. i. Wissenschaftliche Uebersicht. ii. Autoren- und Namen- Register. St. Petersburg, 1871. 8°. 1061 pp.

*847*** *Appleton & Co., Publishers.* A library manual: containing a catalogue raisonné of upwards of twelve thousand . . . important works, etc. In two parts. London and New York, 1847. 8°. 450 pp.

BOOK SELECTION—*continued.*

891 *Sonnenschein, W. S.* The best books. A reader's guide to the choice of the best available books in every department of science, art, etc. [2nd ed. Re-issued.] [With Supplement.] London, [1891-95] 1901. 2 vols. 4°.

*904*** *United States Congress (Library).* A. L. A. Catalog. 8000 volumes for a popular library, with notes. Editor: M. Dewey. Washington, 1904. 2 vols. in one. 4°.

BOOK SELECTION (*Periodicals*). AN 23

*905*** *Library Association.* [Annual] Class list of best books. 1905, etc. London, 1906, etc. 8°.

Bookworms. *See* Book Pests. AK 51

Bows and arrows of primitive races. *See* Anthropology: Primitive Industries (*Weapons*). AP 73 e a

BRADFORD: INDUSTRIES. AR 43912 1

*873** *Taylor, G.* Bradford and the worsted manufacture. Bradford, 1873. sm. 8°. 35 pp.

888 *Cudworth, W.* Worstedopolis. A sketch history of the town and trade of Bradford. Bradford, 1888. 8°. 80 pp. 11 pl. Map.

BRAZIL. AR 99

*825** *Mounteney, B.* Selections from the various authors who have written concerning Brazil; more particularly respecting the captaincy of Minas Geraes and the gold mines of that province. London, 1825. 8°. 194 pp. 1 map.

*856** *Ewbank, T.* Life in Brazil; or, the land of the cocoa and the palm. London, 1856. 8°. 469 pp. Illus.

BRAZIL: INDUSTRIES. AR 99 1

*862** *London International Exhibition, 1862: Brazilian Commission.* Esposiçao nacional do Brasil. Catalogo, etc. Rio de Janeiro, 1862. 8°. 110 pp.

*904** *St. Louis Exhibition: Brazilian Comm.* Brazil at the Louisiana Exhibition. St. Louis, 1904. 8°. 160 pp. Illus.

Breton inventions. *See* Inventions, Local. AB 644

BRISTOL. AR 43433

799* *New.* The new Bristol guide, containing its antiquities, etc. Bristol, *R. Edwards*, 1799. 12°. 192 pp.

BRITISH COLONIES: INDUSTRIES. AR 422 1

865* *New Zealand [Indian and Intercolonial] Exhibition*, 1865. Reports and awards: with appendix. Dunedin, 1866. 8°. 538 pp.

878* *Paris Universal Exhibition*, 1878: *British Colonies Royal Comm.* Catalogue of the British Colonies. London and Paris, 1878. 8°. 174 pp.

886* *Colonial and Indian Exhibition.* Official catalogue. London, 1886. 8°. 727 pp. Maps.

886* *Colonial and Indian Exhibition: Royal Comm.* Report. London, 1887. 8°. 446 pp. Plan.

886* *Riley, T. (Illustrator).* Reminiscences of the Colonial and Indian Exhibition. Ed. F. Cundall. London, 1886. 4°. 132 pp. 105 ill. and pl.

886 *Society of Arts.* Reports on the Colonial sections of the [Colonial and Indian] Exhibition. Ed. H. T. Wood. London, 1887. 8°. 510 pp.

BRITISH COLUMBIA. AR 821

893* *British Columbia Gov't.* British Columbia; its presen resources, and future possibilities. Victoria, B.C. 8° 112 pp. Map.

898* *Macnab, F.* British Columbia for settlers; its mines, trade and agriculture. London. sm. 8°. 369 pp. 2 maps.

1897. *British Columbia Gov't.* Yearbook . . . added a chapter on the Canadian Yukon and northern territory generally. By R. E. Gosnell. Victoria, B.C. 8°. A 90 CBC

BRITISH EMPIRE: INDUSTRIES. AR 42 1

876* *Philadelphia International Exhibition*, 1876: *Brit. Comm.* Official catalogue of the British [and Colonial] section. London, 1876. 2 vols. in one. sq. 8°.

894* *Manchester: British and Colonial Industrial Exhibition*, 1894. Catalogue. [Manchester], 1894. sm. 8°. 96 pp. 1 pl.

900* *Paris Universal Exhibition*, 1900: *Brit. Comm.* British Official catalogue. London and Paris, 1900. 8°. 336 pp.

BRITISH GUIANA. AR 986

807* *Bolingbroke, H.* A voyage to the Demerary, containing a statistical account of the settlements there, and of those on the Essequebo, the Berbice, and other contiguous rivers of Guyana. London, [1807]. 4°. 412 pp.
Chap. XIII.—Vegetable products.

840* *Hancock, J.* Observations on the climate, soil and productions of British Guiana, etc. 2nd ed. London. 1840. 8°. 92 pp.

853* *British Guiana.* Demarara after fifteen years of freedom. By a landowner. London, *T. Bosworth*, 1853. 8°. 117 pp.

BRITISH GUIANA: INDUSTRIES. AR 986 1

867* *Paris Univ. Exhibition*, 1867. (*British Guiana.*) Catalogue of contributions transmitted from British Guiana. London, 1867. 8°. xcvi. + 52 pp. 2 maps, etc.

BRITISH HONDURAS. AR 962

858* *Arthur, D.* British Honduras, its produce, etc. Edinburgh, 1858. 16°. 36 pp.

860* *British Honduras.* The Colony of British Honduras; its history, trade, and natural resources. [London, 186 ?] 8°. 39 pp.

BRITISH ISLES: ANTIQUITIES. AR 428 1

673** *Verstegan, R.* Restitution of decayed intelligence in antiquities concerning the . . . English nation. London, 1673. 8°. 416 pp. Illus.

747‖ *Society of Antiquaries of London.* Vetusta Monumenta ad rerum Britannicarum memoriam conservandam. London, 1747-1844. 6 vols. fol.

799‖ *King, E.* Munimenta antiqua; or observations on ancient castles, including remarks on the whole progress of architecture, ecclesiastical as well as military in Great Britain. London, 1799-1805. 4 vols. fol.

848* *Smith, C. R.* Collectanea Antiqua. Etchings and notices of ancient remains. London, 1848-61. 5 vols. 8°.
English and Continental antiquities.

855* *Akerman, J. Y.* Remains of pagan Saxondom. London. 1855. 4°. 84 pp. 40 pl.

[1856-61.] *Rolleston, G.* Scientific papers and addresses. Vol. i. Anatomy and physiology; ii. Zoology, archæology, etc. Oxford, 1884. 2 vols. 8°. AP 37*

BRITISH ISLES: GAZETTEERS. AQ 31

843 *Parliamentary.* The Parliamentary Gazetteer of England and Wales. London, *A. Fullarton & Co.*, 1843. 4 vols. 8°. Maps.

887 *Bartholomew, J.* Gazetteer of the British Isles, statistical and topographical. With appendices, maps, etc. Edinburgh, 1887. 8°. 918 pp.

BRITISH ISLES: INDUSTRIES. AR 428 1

*681*** *Houghton, J.* A collection of letters for the improvement of husbandry and trade. London, 1681-83. 2 vols. in one. sm. 4°.

Issued weekly from September, 1681-June, 1683. Contain weekly accounts of London exports and imports.

*681*** —— Husbandry and trade improv'd, etc. Ed. R. Bradley. [1st and 2nd editions.] London, 1727-28. 4 vols. 8°.

841 *Aikin, A.* Illustrations of arts and manufactures. London, 1841. 12°. 383 pp.

Contents.

1. Pottery; 2. Limestone and cements; 3. Gypsum; 4. Furs and fur trade; 5. Felting and hat making; 6. Bone; 7. Horn, tortoiseshell, and whalebone; 8-9. History of iron; 10. Engraving, etc.; 11. Paper.

844 *Dodd, G.* British manufactures.

[Series i.] Chemical; [Series ii.] Textile manufactures [reprinted, 1851]; [Series iii.] Metals; Series iv. Marble, stone, glass, carpets, floor-cloth, pianofortes, etc.; Series v. Bread, brewing, distilling, wine, sugar, tobacco, hats, leather, gloves, etc.; Series vi. Paper, typefounding, bookbinding, coach building, ships and boats, masts, ropes, anchors, locomotives, etc.

London, 1844-46. 6 vols. in three. sm. 8°.

852 —— The curiosities of industry and the applied sciences. London, 1852. 8°.

16 papers with separate pagination.

*855** *Paris Universal Exhibition*, 1855. [Illustrated] catalogue des objets exposés dans la section Britannique, etc. (Fr. and Engl.) London, 1855. 8°. 2 pts.

*867** *Paris Universal Exhibition: British Comm.* Catalogue of . . . the British section. Part 1-2 and appendix. London, 1867. 8°. 3 pts.

867 *Paris Univ. Exhibition*, 1867: *Brit. Comm.* Catalogue of the British section. In English, French, German, and Italian. Pt. 1-3. London, [1867]. 8°.

BRITISH ISLES: INDUSTRIES—*continued.*

*873** *Vienna Universal Exhibition*, 1873: *Brit. Comm.* Official catalogue of the British section. [Appendix.] London, 1873. sm. 4°. 2 pts. in one.

876 *Bevan, G. P.* British manufacturing industries. London. 12 vols. sm. 8°.

Entered also under respective subjects.

876 —— Same. [Ix.] Tobacco. Hides and leather. Gutta-percha and indiarubber. Fibres and cordage. 2nd ed. London, 1877. sm. 8°.

876 —— [Appendix.] The industrial classes and industrial statistics. London. 2 vols. sm. 8°.

*876** *Brussels International Exhibition*, 1876: *Brit. Comm.* Official catalogue of the British section. London, 1876. 8°. 141 pp.

*877** *South African International Exhibition, Cape Town*, 1877. Official catalogue of the British exhibits. London, 1877. 8°. 112 pp.

*878** *Paris Universal Exhibition*, 1878: *Brit. Comm.* Official catalogue of the British section. Part 1-2. London, 1878. 8°.

*878** —— Same. 2nd ed. Part 1-2. London, 1878. 8°.

878 *Great* industries of Great Britain [by various writers]. London, *Cassell*, etc., 1878-80. 3 vols. 8°.

882 *Bevan, G. P.* Handbook to the industries of the British Isles and the United States. London, 1882. 8°. 220 pp.

*889** *Paris Universal Exhibition*, 1889: *Brit. Comm.* Official catalogue of the British section. London, 1889. 8°. 261 pp. 5 pl.

*893** *Chicago Exhibition*, 1893: *Brit. Comm.* Official catalogue of the British section. 2nd ed. London, 1893. 8°. 564 pp. Plan.

*904** *Saint Louis International Exhibition*, 1904: *Brit. Comm.* Official catalogue of the British section. [Groups 1-141 and general index.] [London], 1904. 8°. 14 pts. in one vol.

Broadsides, Catalogues. *See* Bibliography, National. AG 10-99. (*Div. v. Broadsides.*)

BULGARIAN AND ENGLISH DICTIONARIES. AA 22

860 *Morse, C. F.* An English and Bulgarian vocabulary in two parts. By C. F. M., aided by C. Vasilier. Constantinople, 1860. 8°. 252 pp.

BURMAH. AR 689

1840–42. *Helfer, J. W.* Third [and fourth] report on Tenasserim. 2 pts. 8°. AR 69*

860* *Mason, F.* Burmah; its people and natural productions; or notes on the nations, fauna, flora, and minerals of Tenasserim, Pegu, and Burma. 2nd ed. Rangoon, 1860. 8°. 930 pp.

BURMESE AND ENGLISH DICTIONARIES. AA 63

877 *Judson, A.* English and Burmese dictionary. (In two parts.) 3rd ed. Rangoon, 1877–83. 2 vols. 8°.

CALIFORNIA. AR 941

848* *Emigrant.* The emigrants' guide to California by a traveller, etc. London, *P. Richardson*, 1848. 8°. 65 + xiii. pp. Map.

849* *Hoppe, J.* Californiens Gegenwart und Zukunft. Nebst Beiträgen von A. Erman über die Klimatologie von Californien und über die geographische Verbreitung des Goldes. Berlin, 1849. 8°. 160 pp. 2 maps.

863* *Hittel, J. S.* The resources of California. San Francisco, 1863. sm. 8°. 480 pp.

866* —— The resources of California. 2nd ed. With appendix on Oregon and Washington territory. San Francisco, 1866. sm. 8°. 510 pp.

868* *Cronise, T. F.* The natural wealth of California. San Francisco, 1868. 8°. 712 pp.

869* *Brace, C. L.* The new West, or California in 1867–68. New York, 1869. sm. 8°. 373 pp.

869* *California, Geological Survey.* The Yosemite guide-book. A description of the Yosemite Valley, etc., and of the big trees of California. Cambridge, 1869. sm. 4°. 155 pp. Map.

Cambistry. *See* Measures, weights and money. AW 20–54

CANADA. AR 82

*843** *Life.* The life of a backwoodsman . . . in the wild land of Canada. By a settler [J. J. E. L.] London, *M. Singer & Co.* [*Printers*]. 1843. 8°. 35 pp.

*z 851** *London International Exhibition*, 1851: *Canadian Comm.* A few words upon Canada and her productions in the Great Exhibition. London, 1851. 8°. 12 pp.

*855** *Hogan, J. S.* Canada. [A prize essay.] Montreal, 1855. 8°. 110 pp.

*855** *Morris, A.* Canada and her resources. (Prize essay.) Montreal, 1855. 8°. 156 pp.

*865** *Rawlings, T.* The confederation of the British North American Provinces, including British Columbia and Hudson's Bay Territory. With suggestions as to the route from the Atlantic and Pacific Ocean. London, 1865. 8°. 251 pp. Map. 4 pl.

*874** *Canadian Pacific Railway.* Report of progress on the exploration and surveys up to January, 1874. By S. Fleming. Ottawa, 1874. 8° 298 pp. 16 maps.

*884** *Dawson, S. E.* Handbook for the Dominion of Canada. Montreal, 1884. sm. 8°. 347 pp. Maps.

*886** *Colonial and Indian Exhibition, London*, 1886. Canada: Its history, productions, and natural resources. Prepared under the direction of . . . the Minister of Agriculture. [By G. Johnson.] Ottawa, 1886. 8°. 160 pp. 1 pl. Map.

*904** *Canada Dept. of Agriculture.* Canada; its history, productions, and natural resources. By G. Johnson. [*Louisiana Purchase Exposition.*] Ottawa, 1904. 8°. 178 pp. 40 pl. 1 map.

CANADA: ATLASES. AR 82 u

906/ *Canada: Dep't. of the Interior.* Atlas of Canada. [Toronto, 1906.] fol. 21 pp. 80 pl.

Canada: bibliography. *See* Bibliography, National: Canada. AG 22

CAPE COLONY. AR 748

*855** *Paris Universal Exhibition*, 1855. Colony of the Cape of Good Hope. Vade Mecum. [Compiled by E. Blancheton.] Cape Town, 1855. 8°. 141 pp. 5 pl., etc.

*886** *Cape of Good Hope Gov't.* Official handbook. History, productions, and resources of the Cape of Good Hope. [A collection of papers by several writers.] Ed. J. Noble. Cape Town, 1886. 8°. 328 pp. Maps.

CAPE COLONY: HISTORY. AR 748 q

1803. *Robertson, W.* Observations relative to the discovery of the Cape of Good Hope. *Clark, J. S.* The progress of maritime discovery. Appendix (C.), 1803. 4°. AQ 10*

CAPE COLONY: INDUSTRIES. AR 748 1

886* *Colonial and Indian Exhibition*, 1886. Catalogue of the Exhibits of the Colony of the Cape of Good Hope. London, 1886. 8°. pp. 133.

Card cataloguing. *See* Book Cataloguing appliances. AN 35

CARDIFF: INDUSTRIES. AR 44241 1

896* *Ballinger, J* Cardiff, an illustrated handbook [a collection of papers on Cardiff industries by various writers]. Cardiff, 1896. 8°. 264 pp. 24 pl. 4 maps.

Carpathian Mountains. *See* Karpathian Mountains.

Cartesian Philosophy. *See* Philosophy: Schools, etc. BC 44

CASTLETON (*Derbyshire*). AR 433475

810* *Hedinger, J. M.* A short description of Castleton in Derbyshire; its natural curiosities and mineral productions. 8th ed. Derby, [181?]. sm. 8°. 34 pp. Front.

Cataloguing, library. *See* Book Cataloguing. AN 30-37.

CAUCASUS. AR 5486

796* *Reineggs, J.* Allgemeine historisch- topographische Beschreibung des Kaukasus. Hrsg. F. E. Schröder. Gotha, etc., 1796-97. 2 vols in one. 8°.

CELLULOID. AB 39

880* *Böckmann, F.* Das Celluloid; seine Rohmaterialien, Fabrikation, Eigenschaften und technische Verwendung. Wien. 8°. 90 pp.

1883. *Heinzerling, C.* Die Fabrikation des Kautschuk und Gutta Percha Waaren, sowie des Celluloids, etc. *Bolley, A. P.* Handbuch der chemischen Technologie. Band vi. Gruppe iv. Abt. 2. 8°. pp. 195-211. (16,252)

—— —— Same. Another copy. Braunschweig, 1883. 8°. (22,577)

CELLULOID—*continued.*

900 *Margoches, B. M.* Einiges über das Celluloid, seine Herstellung, Eigenschaften, Untersuchung, Vorarbeitung und Verwertung. Aus der "Celluloid- Industrie." [1900-05.] Dresden, 1906. 8°. 117 pp.

1903. *Hassack, K.* Über Zelluloid und verwandte Erzeugnisse. *Ver. zur Verbreitung naturw. Kenntnisse.* Schriften. Band 44. pp. 39-71. sm. 8°. B 19 : 380

906 *Böckmann, F.* Das Celluloid, seine Rohmaterialien, Fabrikation, Eigenschaften und technische Verwendung. 3te Aufl. Wien, [1906]. sm. 8°. 140 pp.

906 —— Celluloid, its raw materials, manufacture, properties, and uses. From the 3rd German ed., [1906], by C. T. C. Salter. London, 1907. sm. 8°. 124 pp.

907 *Andés, L. E.* Zelluloid und seine Verarbeitung. Wien, [1907] 1908. sm. 8°. 387 pp.

(*Periodicals.*)

1900, etc. *Celluloid-Industrie (Die).* Fachblatt für Fabrikation und Handel von Celluloid, Celluloidwaren, etc. Beilage zur "Gummi-Zeitung." q.v. K 77/892.

Celtic measures, weights and money. *See* Measures, weights and money: Classical and ancient.

CEYLON. AR 699

*805** *Percival, R.* An account of the island of Ceylon. [Chap. xiv.-v. Fauna and flora. xvi. Cinnamon. xvii. Minerals.] 2nd ed. London, 1805. 4°. 458 pp. 4 maps. 4 pl.

*904** *Saint Louis Internat. Exhibition, 1904: Ceylon Comm.* Official handbook of the Ceylon Court. Colombo. 8°. 225 pp. 25 pl.

CEYLON: INDUSTRIES. AR 699 1

*862** *London International Exhibition, 1862: Ceylon Comm.* A catalogue of the contributions to the Ceylon Court. London, 1862. 8°. 24 pp.

1903. *Ceylon Rubber Exhibition.* Rubber in the East. [Chap. xi. Exhibition of native arts and crafts pp. 225-42. 7 pl.] Colombo. 8°. (34,997)

CHARITABLE INSTITUTIONS: ADMINISTRATION. AV 602

889* *Société Industrielle de Mulhouse.* Enquête décennale sur les institutions d'utilité publique de la Haute-Alsace. Rapports, etc. Mulhouse, 1889. 8°. 300 pp. 7 pl.

Cheating at games of chance, etc. *See* Conjuring. AC 84-86

CHEDUBA OR MAN-AUNG. AR 6896

1841. *Halsted, E. P.* Report on the island of Chedooba. 8°. 50 pp. AR 60*

CHELTENHAM. AR 43435

783* *Tour.* A Tour to Cheltenham Spa; or Gloucestershire display'd. [By S. Moreau.] Bath, *R. Cruttwell*, 1783. 12°. 180 pp.

pp. 4-101, Trades of Gloucestershire.

797* *Moreau, S.* Tour to the Royal Spa at Cheltenham. 8th ed. Bath, 1797. 12°. 140 pp. 3 pl.

pp. 107-114, Trades of Gloucestershire.

Chemical Technology, receipts. *See* Receipt Books. AB 40

CHILI. AR 996

855 *Mackenna, B. V.* Le Chili consideré sous le rapport de son agriculture et de l'emigration Européenne. Paris, 1855. 12°. 143 pp. Map.

CHILI: INDUSTRIES. AR 996 i

904 *Sociedad de Fomento Fabril.* Catalogo de lo Exposicion permanente y Museo industrial. Santiago de Chile, 1904. 8°. lxxi.+147 pp.

CHINESE AND ENGLISH DICTIONARIES. AA 57

891 *Goodrich, C.* A pocket dictionary [Chinese English] and Pekingese syllabary. Peking, 1891. sm. 8°. 244 pp.

CHINESE EMPIRE. AR 66

698 *Le Comte, L.* Memoirs and observations . . . made in a journey through the Empire of China, particularly upon the Chinese pottery and varnishing; the silk and other manufactures; the pearl fishing, plants and animals; public works, etc. Transl. from the Paris ed. 2nd edition. London, 1698. 8°. 538 pp.

1773. *P*** de* [i.e., Corneille de Pauw]. Recherches philosophiques sur les Egyptiens et les Chinois. Berlin. 2 vols. 12°. AR 60 q

812** *Breton de la Martinière, J. B. J.* China; its costume, arts, manufactures, etc. [Chiefly from Bertin.] 2nd ed. London, 1812. 12°. 4 vols. in two. Col. pl.

845* *Davis, J. F.* The Chinese: a general description of China and its inhabitants. [Vol. iii. Arts, inventions, sciences, etc.] New ed. London, 1845-51. 4 vols. in two. 12°.

847* *Fortune, R.* Three years' wanderings in the northern provinces of China including a visit to the tea, silk, and cotton countries . . . with an account of the agriculture and horticulture of the Chinese. 2nd ed. London, 1847. 8°. 444 pp. Illus.

Chinese ethnology. *See* Anthropology, ethnological (China). AP 4151

CHINESE EMPIRE: INDUSTRIES. AR 66 1

842* *Langdon, W. B.* A descriptive catalogue of the Chinese collection . . . at St. George's Place . . . London. 10th English ed. London, 1842. 8°. 163 pp. 15 pl.

848* *Hedde, I.* Description méthodique des produits divers recueillis dans un voyage en Chine. 1843-46 . . . et exposés par la Chambre de Commerce de St. Étienne. St. Étienne, 1848. 8°. 400 pp. pl.

1867. *Champion, P.* Chine et Japon. *Lacroix, E.* Études sur l'Exposition de 1867. Vol. 5. 8°. pp. 282-306. AB 867 t

869 *Julien, A. S.* Industries, anciennes et modernes, de l'Empire Chinois. Trad. par S. Julien, avec notices industrielles, etc., par P. Champion. Paris, 1869. 8°. 267 pp. 14 pl.

CHIROMANCY: NAILS. BB 83

649** *Finella, F.* De quatuor signis quæ apparent in unguibus manuum. Naples, 1649. 8°. 72 pp.

CHRONOLOGY: HISTORICAL (*General treatises*). AO 20

*818/** *Art.* L'art de verifier les dates des faits historiques, etc., depuis J. C. [Par M. F. Dantine, etc.] Paris, 1818-38. 10 vols. 4°.

CHUSAN. AR 6619

*841** *Ouchterlony, J.* A statistical sketch of the Island of Chusan, with a brief note on the geology of China. London, 1841. 8°. 39 pp.

CLASSICAL ARCHAEOLOGY. AO 34

*722/** *Montfaucon, B. de.* L'Antiquité expliquée et représentée en figures [French and Latin]. 2e éd. Tome i.-v. [in 10 half-volumes. Supplément. Tome i.-v.] Paris, 1722-24. 10 vols. in 15. fol.

820 *Potter, J.* Archæologia Græca, or the antiquities of Greece. New ed. Edinburgh, 1820. 2 vols. 8°.

835. *Treatise* on the arts, manufactures, manners, and institutions of the Romans. [By T. D. Fosbroke.] (*Lardner's Cabinet Cyclopædia.*) London, 1835. 2 vols. 12°.

842 *Smith, W.* A dictionary of Greek and Roman antiquities. Illustrated, etc. London, 1842. 8°. 1131 pp.

875 *Blümner, H.* Technologie und Terminologie der Gewerbe und Künste bei Griechen und Römern. Leipzig, 1875-87. 4 vols. 8°.

CLASSICAL BIOGRAPHY AND MYTHOLOGY. AO 32

844 *Smith, W.* Dictionary of Greek and Roman biography and mythology. Illustrated. London, 1844-49. 3 vols. 8°.

Classical coinage. *See* Coins and coinage: Classical. a O 67 c

Classical Weights and Measures. *See* Measures, etc. Classical and ancient. AW 23

Classification, book. *See* Book classification. AN 40-76

CLASSIFICATION OF KNOWLEDGE. BD 55

*819** *Prince, T.* Abstract of lectures on the classification of the arts and sciences. Brussels, 1819. 12°. 88 pp.

1819. *B****, *Mis. de* [i.e., *Marquis de Barbançois*]. Deux lettres. La 2me [pp. 31-39 sur] un tableau synoptique des sciences. Paris. 8°. *Electricity*, etc. Excerpts. Vol. i. 8°. (5,412)

*839** *Lubbock, Sir J. W.* Remarks on the classification of the different branches of human knowledge. 2nd ed. London, 1839. 8°. 68 pp.

*873** *Spencer, H.* The classification of the sciences. 3rd ed. with postcript, etc, London, 1873. 8°. 94 pp.

COCHIN (*Madras Pres.*). AR 6984

863 *Day, F.* The land of the Permauls, or Cochin, its past and present. [Chap. 17, Economic botany; 18, Trades and occupations.] Madras. 8°. 624 pp.

Coinage, Decimal. *See* Measures, etc. Decimal. AW 40

COINS AND COINAGE (*General treatises*). AO 66

815 *Tableau* de la valeur des monnaies des principaux états du monde. Paris, *Saintin*. 1815. 8°. 32 pp.

862 *Yates, J.* Descriptive catalogue of a collection of current coins of all countries in the International Exhibition. London, 1862. 8°. 69 pp.

COINS AND COINAGE: CLASSICAL. AO 67 c

832 *Cardwell, E.* Lectures on the coinage of the Greeks and Romans. London, 1832. 8°. 254 pp.

COINS AND COINAGE: ENGLAND. AO 67 e

675 *Vaughan, R.* A discourse of coin and coinage . . . our common law therein. London, 1675. 12°. 254 pp.

736 *Folkes, M.* A table of English silver coins. [A table of English gold coins from 18 Ed. 3. Reprint.] London, [1756-45]. 1761. 4°. 2 pts.

☞ *736/** —— [Table of English silver coins.] London, 1763. 4°. pl. 1-42.

758 *Robinson, B.* An essay on coin. London, 1758. sm. 8°. 112 pp.

COINS AND COINAGE: ENGLAND—*continued.*

*800** *Privy Council, Committee on Coin.* Draft of a report on the coin of this realm [by Committee of Council appointed 7th Feb., 1798, to consider the state of the coins and the present establishment and constitution of the mint]. London, [1800?] 4°. 164 pp.

*840** *Ruding, R.* Annals of the coinage of Great Britain and its dependencies. 3rd ed. London, 1840. 3 vols 4°

COINS AND COINAGE: RUSSIA. AO 67 r

*791** *Schlözer, A. L.* Münz-, Geld- und Bergwerks-Geschichte des russischen Kaiserthums, 1700-1789. Göttingen, 1791. sm. 8°. 2 pts. in one.

COLLECTED WORKS (*B.C.*). AD 01

(*Arranged by birth-date of writer.*)*

*284** *Hero of Alexandria.* B.C. 284-221.

Recherches sur la vie et les ouvrages d'Heron d'Alexandrie, disciple de Ctesiblus, et sur tous les ouvrages mathématiques grecs, conservés ou perdus, publiés ou inédits, qui ont été attribués à un auteur nommé Heron. Par T. H. Martin. Paris, 1854. 4°. 488 pp.

*284*** —— Opera. Vol. i. Pneumatica et Automata [Supplementum] Griechisch und deutsch hrsg. von W. Schmidt. Leipzig, 1899. 2 pts. sm. 8°. ill.

COLLECTED WORKS [A.D. 1000-1999]. AD 08

*510** *Palissy, B.* 1510?-89.

Œuvres complètes . . . avec des notes et une notice historique par P. A. Cap. Paris, 1844. 12°. 477 pp.

*561** *Bacon, F., Viscount St. Albans.* 1561-1626.

Works [with life]. London, 1824. 10 vols. 8°. *Vol.* 10 *absent.*

564 *Galileo, G.* 1564-1642.

Opere. Milano, 1808-11. 13 vols. 8°.

564 —— Memorie e lettere inedite, etc. di G. G. ordinate ed illustrate con annotazioni dal G. B. Venturi. Modena, 1818-21. 2 vols. 4°.

* For index of writers, *see* pp. 307-18.

COLLECTED WORKS [A.D. 1000-1999]—*continued.*

(*Arranged by birth-date of writer.*)*

*602** *Greaves, J.* 1602-1680.

Miscellaneous works. London, 1737. 2 vols. 8°.
Each section is also entered under its subject.

*613** *Perrault, C.*, and *Perrault, P.* 1613-1688.

Œuvres diverses de physique et de méchanique, [and physiology]. Leide. 2 vols. 4°.

*614** *Wilkins, J., Bishop of Chester.* 1614-1672.

Mathematical and philosophical works. London, 1708. 8°.

*614** —— —— Same. Another ed. London, 1802. 2 vols. 8°.

*620** *Evelyn, John.* 1620-1706.

Miscellaneous writings, now first collected, with occasional notes, by W. Upcott. London, 1825. 4°. 875 pp. 3 pl.

*623** *Pascal, B.* 1623-1662.

Œuvres. Nouv. éd. Paris, 1819. 5 vols. 8°.

627 *Boyle, R.* 1627-1691.

A catalogue of the philosophical books and tracts, written by R. B., together with the order or time wherein each of them hath been publish'd respectively. Added, a catalogue of the theological books, written by the same author. London. *S. Smith.* 1690. sm. 8°. 14 pp.

627 —— Works. Prefixed life [by T. Birch]. New ed. London, 1772. 6 vols. 4°.

*627** —— Works epitomiz'd. By R. Boulton. London, 1699. 4 vols. 8°.

629 *Huyghens van Zuylichem, C.* 1629-1695.

Œuvres complètes, publiées par la Société Hollandaise des Sciences. La Haye, 1888, etc. 4°. *In progress.*

629 —— Another ed. Leyden, 1724. 2 vols. 4°.

629 —— —— Hague, 1833. 2 vols. in one. 4°.

*635/** *Hooke, R.* 1635-1703.

Posthumous works. Pubd. by R. Waller. London, 1705. fol.

---

* For index of writers, *see* pp. 307-18.

*(Arranged by birth-date of writer.)**

643 *Newton, Sir I.* 1643-1727.

Opera quæ extant omnia, cum commentariis. S. Horsley. London, 1779-85. 5 vols. 4°.

667 *Bernoulli, J.* 1667-1728.

Opera omnia [mainly mechanics and mathematical physics]. Lausanne. 4 vols. in two. 4°.

698 *Maupertuis, P. L. M. de.* 1698-1759.

Œuvres. Dresde, 1754. sm. 4°.

*706** *Franklin, B.* 1706-1790.

Complete works in philosophy, politicks, and morals. London, 1806. 3 vols. 8°.

*706** —— Another ed. London, 1787. 8°.

706 —— —— London, 1818-19 6 vols. 8°.

*716** *Hill, J.* 1716?-1775.

The Inspector. Containing a collection of essays and letters lately published in a new daily-paper, called the London Daily Advertiser and Literary Gazette [Dedication signed: the Inspector, *i.e.*, Dr. John Hill]. London, 1751. 8°. 82 pp.

*717** *Walpole, H.* 4th Earl of Orford. 1717-1797.

Works. London, 1798. 5 vols. 8°.

745 *Lavoisier, A. L.* 1745-1794.

Œuvres publiées par les soins du Ministre de l'instruction publique, etc. Paris, 1862-93. 6 vols. 4°.

753 *Rumford, Sir B. Thompson, Count.* 1753-1814.

Complete works; with Memoir by G. E. Ellis. Published by the Amer. Acad. of Arts and Sciences. Boston, Mass, 1870-75. 5 vols. 8°.

*753** —— Another ed. London, 1802. 8°.

*753** —— —— London, 1796-1862. 3 vols. 8°.

773 *Young, T.* 1773-1829.

Miscellaneous works. London, 1855. 3 vols. 8°.

—— —— Letter [to H. Gurney on Young's mathematical, etc. discoveries]. By J. F. W. Herschel. [n.p. 1830.] 8°. 15 pp.

* For index of writers, *see* pp. 307-18.

(*Arranged by birth-date of writer.*)*

778 *Davy, Sir H.* 1778-1829.

Collected works. London, 1839-40. 9 vols. 8°.

786 *Arago, D. F. J.* 1786-1853.

Œuvres complètes, publiées par J. A. Barral. i.-iii. Notices biographiques. iv.-viii. Notices scientifiques. ix. Instructions sur les voyages scientifiques. x.-xi. Mémoires scientifiques. xii. Mélanges. xiii. Tables. Paris, 1854-62. 13 vols. 8°.

797 *Henry, J.* 1797-1878.

Scientific writings [mainly physical]. Washington, 1886. 2 vols. 8°.

1797. —— Same. Another copy. *Smithsonian Misc. Coll.* Vol. 30. B 13 S: 862.

*808** *Napoleon III., Emperor of the French.* 1808-1873.

Œuvres. Paris, 1856. 4 vols. 8°.

813 *Andrews, T.* 1813-1885.

Scientific papers. With memoir by P. G. Tait and A. C. Brown. London, 1889. 8°.

818 *Joule, J. P.* 1818-1889.

Scientific papers. [Mainly physical and physico-chemical.] London, 1884-87. 2 vols. 8°.

821 *Helmholtz, H. L. F. von.* 1821-1894.

Wissenschaftliche Abhandlungen. Leipzig, 1882-95. 3 vols. 8°.

822 *Siemens, Sir C. W.* 1822-1833.

Scientific works. Ed. E. F. Bamber. London, 1889. 3 vols. 8°.

833 *Jenkin, H. C. F.* 1833-1885.

Papers: literary, scientific, etc. Ed. S. Colvin and J. A. Ewing. With memoir. London, 1887. 2 vols. 8°.

*855** *Robin, V. G.* 1855-1897.

Œuvres scientifiques. Publiées par L. Raffy. Paris, 1899, etc. 8°. (*In progress.*)

---

* For index of writers, *see* pp, 807-18.

COLON THEATRE, BUENOS AIRES. AR 9932 j

893* *Meano, V.* El nuevo teatro Colon, Buenos Aires. [Excerpt.] Buenos Aires, 1893. 8°. 84 pp. 20 pl.

COLORADO. AR 934

880* *Fossett, F.* Colorado: its gold and silver mines, farms and stock ranches, etc. Tourists' guide to the Rocky Mountains. 2nd ed. New York, 1880. sm. 8°. 600 pp. pl. and maps.

COMMERCE (*Bibliography*). AW 84

866 *Board of Trade.* Catalogue of the Library of the Board of Trade. 1. Subjects. 2. Authors. London, 1866. 8°. 648 pp.

COMMERCE (*Dictionaries*). AB 07

819 *Clarke, S.*, and *Williams, J.* The cyclopædia of commerce; comprising a code of commercial law, practice, and information. London, [1819]. 4°. 238 ll. [unpaged].

847 *Handels- Lexikon;* oder, Encyclopädie der gesammten Handelswissenschaften für Kaufleute, etc. Leipzig, *E. Schäfer*, 1847-48. 5 vols. 8°.

856* *MacCulloch, J. R.* A dictionary, practical, theoretical, and historical, of commerce, etc. New [2nd] ed. London, 1856. 8°. 1,500 pp. 7 maps.

856* —— Same. 3rd ed., with a supplement [wanting?] London, 1859. 1,503 pp. 7 maps.

856* —— Same. New [4th] ed., with a biographical notice of the author by H. G. Reid. London, 1869. 8°. 1,608 pp. 41 maps.

856* —— Same. New ed. Supplement by H. G. Reid. London, 1875. 8°. 1,715 pp. 41 maps.

856 —— Same. New ed. Supplement 1-3. London, 1880. 8°. 1,885 pp. 11 maps. 30 pl.

859 *Dictionnaire* universel . . . du commerce et de la navigation. Paris, *Libr. de Guillaumin et Cie.*, 1859-61. 2 vols. 8°.

901 *Guyot, Y.*, and *Raffalovich, A.* Dictionnaire du commerce, de l'industrie et de la banque. Paris, [1901] 2 vols. 8°.

COMMERCE, HISTORY (*General treatises*). AQ 18

*674*** *Evelyn, J.* Navigation and Commerce: their original and progress . . . with special regard to the English nation. London, 1674. 8°. 140 pp.

*716** *Histoire* du commerce et de la navigation des anciens. [By P. D. Huet.] Paris, 1716. 12°. 540 pp.

*716** *Huet, P. D.* The history of the commerce and navigation of the ancients. From the French. London, 1717. 8°. 298 pp.

1754. *Select* essays on commerce, agriculture, mines, fisheries, etc. [From the "Journal Œconomique." London. 8°. 524 pp. AB 28*

*801** *Anderson, A.* An historical and chronological deduction of the origin of commerce [to 1762. Appendix: alphabetical and chronological summary, 1762-89]. London, 1801. 4 vols. 4°.

*804** *Jackson, J.* Reflections on the commerce of the Mediterranean . . . and a particular description of the British manufactures properly adapted for each country. London, 1804. 8°. 224 pp.

*805** *Macpherson, D.* Annals of commerce, manufactures, fisheries, and navigation, with brief notices of the arts and sciences connected with them . . . from the earliest accounts to . . . 1801. London, 1805. 4 vols. 4°.

1823. *Dupin, C.* Du commerce et de ses travaux publics en Angleterre et en France. Paris. 8°. 40 pp. AS 13*

*833** *Gilbart, J. W.* Lectures [delivered in 1833] on the history and principles of ancient commerce. London, 1853. 12°. 148 pp.

1858. *Lafaurie, A.* Geschichte des Handels in Beziehung auf politische Oekonomie und öffentliche Ethik. *Neu.* Neue Encyckl. der Wissenschaften, etc. 2te Auft. Band iii. 8°. AC 25

1873. *Richter, C. T.* Der Welthandel. Bericht. *Vienna Universal Exhibition*, 1873. Officieller Bericht. Heft 28. 8°. AB 873 r

883 *Lindsay, W. S.* History of merchant shipping and ancient commerce. London. 4 vols. 8°.

*884** *Neumann-Spallart, F. X.* Uebersichten der Weltwirthschaft . . . 1881-82. Stuttgart, 1884. sm. 8°. 502 pp.

1901. *Pieper, C.* Verkehrswesen um die Wende des neunzehnten Jahrhunderts. *Verein zur Beförderung des Gewerbfleisses.* Verhandlungen, Jahrg. 80. pp. 289-358. 14 figs. of ancient and historical ships. 4°. B 67 P

COMMERCE, HISTORY: BELGIUM. AQ 19 bel

*861** *Bruyssel, E. van.* Histoire du commerce et de la marine en Belgique. Bruxelles, 1861-64. 3 vols. 8°.

COMMERCE, HISTORY: ENGLAND. AQ 19 eng

871 *Bourne, H. R. F.* The romance of trade. [Chapters on "Monopolies," "Science in trade," "Great factories," etc.] London, [1871]. sm. 8°. 385 pp.

889 *Burniey, J.* The romance of modern industry. London, 1889. 8°. 380 pp.

COMMERCIAL CORRESPONDENCE (*Dictionaries of terms and phrases, Bilingual and Polyglot*). AB 01

800 *Kroll, A.* A commercial dictionary in the English and Russian languages; with a full explanation of the Russian trade, etc. London, [1800]. 8°. 141 pp.

815 *Nemnich, P. A.* Französische Waaren-Encyclopädie [Französisch-deutscher, Deutsch-Fr. Theil.] Hamburg, 1815. sm. 4°. 664 cols.

816 —— Spanisches Waaren-Lexikon: i. Spanisch-Deutsch und Englisch; ii. Englisch und Spanisch; iii. Deutsch und Spanisch. Hamburg, 1816. sm. 4°. 434 cols.

817 —— Portugisisches Waaren-Lexikon: i. Portugisisch-Deutsch und Englisch; ii. Englisch und Portugisisch; iii. Deutsch und Portugisisch. Hamburg, 1817. sm. 4°. 342 cols.

846 *Nieto, J. J.* Mercantile dictionary, English and Spanish, etc., with a geographical sketch of the Republic of New Granada. Jamaica, 1846. sm. 8°. 129 pp.

861 *Brutzer, H., and others.* Dictionary and commercial phraseology in the German, Dutch, English, French, Italian, and Spanish languages. Stuttgart and London, [1861-63]. 8°. 544 pp.

866 *Meeden, C. F.* Handbuch der Kaufmanns- und Schiffersprache-, Deutsch, Englisch, und Französisch. 4te Aufl. Hamburg, 1866. 8°. 258 pp.

875 *Spiers, A.* Manuel des termes du Commerce Anglais-Francais et Franç-Angl. 4e éd. Paris, [1875?]. 12°. 2 pts.

COMMERCIAL CORRESPONDENCE (*Dictionaries of terms and phrases, Bilingual and Polyglot*)—continued.

884 *Scholl, C.* A phraseological dictionary of commercial correspondence in the English, German, French, and Spanish languages. Assisted by G. Macaulay and others. Liverpool, etc., 1884-86. 2 vols. in one. 8°.

886 *De Veitelle, I.* Mercantile dictionary: . . . in English, Spanish, and French. A complete vocabulary of . . . commercial correspondence, etc. New York, 1886. 8°. 306 pp.

Commercial Intelligence: (*Periodicals*). *See* Patent Office Library Series No. 8. Class list of Periodicals. 2nd ed. C 60:69

COMMERCIAL SUBSTANCES, DESCRIPTION. AB 04

803 *Dictionary.* The dictionary of merchandize, and nomenclature in all languages. By a merchant [C. H. Kauffmann]. London, *T. Boosey*, 1803. 8°. 384 pp.

809 *Magnien-Grandprè, N.*, and *Deu de Perthes, L. J.* Dictionnaire des productions de la nature et de l'art, qui font l'objet du commerce de la France. [Vocabulaire des termes techniques.] Paris, 1809. 2 vols. in three. 8°.

851* *London International Exhibition*, 1851. Catalogue of a collection of samples of raw and partly manufactured produce. London, 1853. 8°. 42 pp.

858* *Simmonds, P. L.* A dictionary of trade products commercial, manufacturing, and technical terms. London, 1858. sm. 8°. 430 pp.

860 [*Dexter, T. E.*] Animal and vegetable substances used in the arts and sciences. 2nd ed. London, 1860. 12°. 193 pp.

867 *Société Imp. d'Acclimatation.* La production animale et végétale. Études faites à l'Exposition Univ. de 1867. 8° 425 pp.

867 *Seubert, K.*, and *M.* Handbuch der allgemeinen Waarenkunde. i. Anorganische; ii. Organische Waarenkunde. Stuttgart, 1867. 2 vols. 8°.

870 *Yeats, J.* The natural history of commerce. With a copious list of commercial terms and their synonymes in several languages. London, 1870. sm. 8°. 452 pp. Map.

870 —— Same. 2nd ed. London, 1872. sm. 8°. 456 pp.

COMMERCIAL SUBSTANCES, DESCRIPTION—*continued.*

*872** *Simmonds, P. L.* The Commercial dictionary of trade products, etc. New ed. London, 1872. sm. 8°. 471 pp.

Reprint of his 'Dict. of trade products,' with Supplement.

1878. *Vilmorin, —.* Les produits agricoles non alimentaires. [Textiles, oils, dyes, etc.] 186 pp. *Paris Univ. Exhibition*, 1878. Rapports du jury. Classe 46. 1881. 8°. AB 878 p

881 *Pennetier, G.* Leçons sur les matières premières organiques. Origine, provenance, caractères, composition, altérations, falsifications, etc. Paris, 1881. 8°. 1,029 pp.

1884. *Stockalper, E.* Produits bruts. 22 pp. 3 tables. *Schweizerische Landesausstellung*, 1883. Berichte. Gruppe 16. 8°. AR 38 1

1889. Les industries extractives, le produits bruts et ouvrés [Produits des mines et métaux; produits des exploitations forestières; produits de la chasse, de la pêche et des cueillettes; produits agricoles non alimentaires; produits chimiques et pharmaceutiques.] *Paris Univ. Exhibition*, 1889. Rapport général. Tome 6. pp. 1-237. Paris, 1892. AB 889 r

890 *Buchner, F.* Merkantilisches Droguen- und Chemikalien Wörterbuch. Lateinisch-Deutsch, Deutsch-Lateinisch. [4te Aufl. von G. Buchner.] Leipzig, 1890. 8°. 320 pp.

890 *Merck, K.* Warenlexikon für Handel, Industrie und Gewerbe. 4te Aufl. von G. Heppe. [Appendix: Der Deutsche Zolltarif vom 15 Juli 1879; 49 pp.] Leipzig, 1890. 8°. 779 pp.

892 *Simmonds, P. L.* A handbook of British commerce. [A dictionary of imports and exports.] London, 1892. sm. 8°. 212 pp.

*895** *Erdmann, O. L.,* and *König, C. R.* Grundriss der allgemeinen Warenkunde unter Berücksicht. der Technologie. 12te Aufl. von E. Hanausek. Leipzig, 1895. 8°. 583 pp.

*901** —— Grundriss der allgemeinen Warenkunde. 13te Aufl. von E. Hanausek. Leipzig, 1901. 8°. 768 pp.

905 *Toothaker, C. R.* Commercial raw materials: their origin, preparation and uses. Boston, [1905]. 8°. 125 pp. 26 maps, etc.

906. *Erdmann, O. L.,* and *König, C. R.* Grundriss der allgemeinen Warenkunde unter Berücksicht. der Mikroskopie und Technologie. 14te Aufl. von E. Hanausek. Leipzig, 1906. 8°. 946 pp.

CONJURING (*General treatises*)—continued.

895 *Hamilton, J. N.* "Sharps and Flats." A complete revelation of the secrets of cheating at games of chance and skill. 2nd ed. London, 1895. 8°. 371 pp. 4 pl.

897 *Hopkins, A. A.* Magic, stage illusions and scientific diversions including trick photography. With an introduction by H. R. Evans. London, 1897. 8°. 568 pp. 1 pl.

Bibliography, pp. 539-550.

897 *Magus, pseud.* Le Magicien amateur, tours de physique amusante faciles pour tous. 2e Serie [de "Physique amusante"]. Paris, 1879. 8°. 341 pp.

898 *Hopkins, N. M.* Twentieth Century magic, and the construction of modern magical apparatus. New York, 1898. sm. 8°. 166 pp.

902 *Evans, H. R.* Magic and its professors. London, [1902]. 8°. 236 pp. 2 pl.

902 *Hoffman, Prof. (pseud.)* [i.e., *A. J. Lewis*]. Modern magic. 11th ed. London, 1902. 8°. 526 pp. 1 pl.

904 —— Later magic. London, [1904]. 8°. 572 pp.

906 *Evans, H. R.* The old and the new magic. Chicago, 1906. 8°. 383 pp. 1 pl.

CONJURING (*Periodicals*). AC 86

1895-1904. *Zauberwelt.* Jahrg. 1-10. Hamburg. F 100 : 895

1900, etc. *Magic.* Ed. E. Stanyon. Vol. 1, etc. London. F 100 : 900

Index, vols. ii-iv. 1901-1904.

CONJURERS (*Lives*). AC 85

881 *Frost, P.* The lives of the conjurers. New ed. London, 1881. sm. 8°. 368 pp.

Connecticut, inventors. *See* Inventions, Local. AB 6746

Copyright Catalogues, National. *See* AG 10-99 Bibliography, National.

Company prospectuses. *See* Prospectuses. AZ 26

CONJURING (*General treatises*). AC 84

1703. *S. T.* Arts' improvements. [Chap. vi. Experiments and observations ludicrous.] London. 8°. AB 40[ee]

[1715?] *White, J.* Hocus pocus: or a rich cabinet of legerdemain curiosities, etc. London. 12°. 72 pp. AB 40[ee]

*784[e] *Pinetti, G.* Physical amusements and diverting experiments composed and performed by G. P. London, 1784. 8°. 68 pp. 1 pl.

*788[e] *Denton, T.* O pelotiqueiro des mascarado, tratado em que se da' . . . exposiçao de todas as surprendentes habilidades executadas . . . pelos mais destros e eminentes professores de ligeireza de maõs. 2a ed. Impressa em Londres no anno 1788, trad. do Inglez em Portuguez. Lisboa, 179[0?] sm. 8°. 102 pp. 1 pl.

*792e *Decremps, H.* La magie blanche dévoilée, avec des réflexions sur la baguette divinatoire, les automates joueurs d'échecs, etc. [ii. Supplément à la magie blanche, etc.; iii. Testament de Jérome Sharp; iv. Les petites aventures de Jérome Sharp; v. Codicille de Jérome Sharp.] Paris, 1792-93. 5 vols. 8°.

1796. *Gale, J.* Cabinet of knowledge or, miscellaneous recreations, containing . . . magical experiments, card deceptions, and humorous paradoxes . . . taken from the Ladies, etc., Diaries, Martin's Philosophical Magazine, Ozanam's recreations. London. 12°. 350 pp. (3,717)

Imperfect copy.

*853 *Comte, L. E. A.* Nouveau manuel des sorciers, ou la magie blanche dévoilée par les découvertes de la chimie, etc. Précédé d'une notice historique sur les sciences occultes par Julia de Fontenelle. Nouv. éd. Paris, 1853. 18°. 426 pp. 3 pl.

*856 *Blismon, Ana-gramme, pseud.* [i.e., *S. Blocquel*]. Les mille et un tours ou expériences de physique amusante et de magie blanche. Paris, [1856]. 3 pts. 12°.

*893 *Hoffmann, Prof. (pseud.)* [i.e., *A. J. Lewis*]. More magic. London, 1893. 8°. 569 pp.

*894 *Magus, pseud.* Magie blanche en famille. Paris, 1894. 8°. 387 pp.

CONJURING (*General treatises*)—continued.

895 *Maskelyne, J. N.* "Sharps and Flats." A complete revelation of the secrets of cheating at games of chance and skill. 2nd ed. London, 1895. 8°. 371 pp. 4 pl.

897 *Hopkins, A. A.* Magic, stage illusions and scientific diversions including trick photography. With an introduction by H. R. Evans. London, 1897. 8°. 568 pp. 1 pl.

Bibliography, pp. 539-550.

897 *Magus, pseud.* Le Magicien amateur, tours de physique amusante faciles pour tous. 2e Série [de "Physique amusante"]. Paris, 1879. 8°. 341 pp.

898 *Hopkins, N. M.* Twentieth Century magic, and the construction of modern magical apparatus. New York, 1898. sm. 8°. 166 pp.

902 *Evans, H. R.* Magic and its professors. London, [1902]. 8°. 226 pp. 2 pl.

902 *Hoffman, Prof. (pseud.)* [i.e., *A. J. Lewis*]. Modern magic. 11th ed. London, 1902. 8°. 526 pp. 1 pl.

904 —— Later magic. London, [1904]. 8°. 572 pp.

906 *Evans, H. R.* The old and the new magic. Chicago, 1906. 8°. 383 pp. 1 pl.

CONJURING (*Periodicals*). AC 86

1895-1904. *Zauberwelt.* Jahrg. 1-10. Hamburg. F 100 : 895

1900, etc. *Magic.* Ed. E. Stanyon. Vol. 1, etc. London. F 100 : 900

Index, vols. ii.-iv. 1901-1904.

CONJURERS (*Lives*). AC 85

881 *Frost, P.* The lives of the conjurers. New ed. London, 1881. sm. 8°. 368 pp.

Connecticut, inventors. *See* Inventions, Local. AB 6746

Copyright Catalogues, National. *See* AG 10-99 Bibliography, National.

CORNWALL. AR 4348

855° *Leifchild, J. R.* Cornwall: its mines and miners. London, 1855. sm. 8°. 310 pp.

Correspondence. *See* Biography (*single lives*). AD 60-62

—— —— relating to specific topics. *See under* Subject headings.

Correspondence, Commercial (*Dictionaries*). *See* Commercial Correspondence. AB 01

CORRESPONDENCE, LITERARY AND SCIENTIFIC (*Periodicals*). AC 81

1811-13. *Enquirer.* Ed. W. Marrat and P. Thompson. Vol. 1-3. London. 16°. A 40 : 811

1849, etc. *Notes and Queries.* Vol. 1, etc. London. A 40 : 849
General Indexes; 1st-9th series (12 vols. to a series). In Reserve.

1871-73. *Averiguador* (*El*). Correspondencia entre curiosos, literatos, anticuarios, etc. Tomo 1-3. Madrid. A 40 : 871

CORRESPONDENCE, SCIENTIFIC (*Collections*). AD 06

559 *Historical Society of Science.* A collection of letters illustrative of the progress of science in England, from . . . Elizabeth to . . . Charles II. Ed. J. O. Halliwell. London, 1841. 8°. 160 pp.

600 *Rigaud, S. P.* Correspondence of scientific men of the seventeenth century. [Barrow, Flamsteed, Wallis and Newton—mathematical and physical]. Oxford, 1841. 2 vols. in one. 8°.

—— —— Contents, by A. de Morgan. Oxford, 1862. 8°. 36 pp.

672 *Newton, Sir I.,* and *Cotes, R.* Correspondence of Sir Isaac Newton and Professor Cotes, including letters of other eminent men. [1672-1727.] With appendix and notes, etc., by J. Edleston. London, 1850. 8°. 414 pp.

694 *Leibnitz, G. W., Baron von,* and *Bernouilli, J.* Commercium philosophicum et mathematicum. [1694-1716.] Lausanne, 1745. 2 vols. 4°.

COSMOLOGY. BA 90

620** *Drebbel, C.* i. Tractat von Natur und Eigenschafft der Elementen. ii. Von der Quintessenz. iii. Erfindung der immerwahrenden Bewegung. [1620, etc.] Hrsg. von P. Chrysostomo. Leipzig, 1723. sm. 8°. xxviii. + 106 pp. 2 pl.

637* *Saluste du Bartas, G. de.* A learned summarie upon the famous poemes of William of Salust, etc. [1st and 2nd Week.] From the French by T. L. D. M. P. [*i.e.*, Thomas Lodge]. London, 1637. 4°. 2 pts.

638* *Fludd, R.* Mosaicall philosophy: grounded upon the essentiall truth or eternal sapience. From the Latin [1638]. London, 1659. fol. 306 pp.

674* *Fairfax, N.* A treatise of the bulk and selvedge of the world, wherein the greatness, littleness, and lastingness of bodies are freely handled. London, 1674. 8°. 238 pp. (3,209)

813* ΑΛΕΞΑΝΔΡΟΣ *pseud.* [i.e., *A. Walker*]. Prolegomena to a natural system of universal science. [1813.] London, *J. J. Stockdale*, 1822. 8°.

1816. *Field, G.* Τριτογενεα, or a brief outline of the universal system. *Pamphleteer.* Excerpta. No. 37 8°. (5,514)

CRANIOMETRY. AP 81

862* *Grattan, J.* Description of a new craniometer, and of an exact method of taking and recording cranial measurements. [Belfast, 1862?] 4°. 17 pp. 18 pl. and tables.

z 865* *Broca, P.* Description of a new goniometer [for measuring facial angles]. [Excerpt.] 1865. 8°. 10 pp.

CRESTS. AE 58

860 *Fairbairn, J.* Crests of the families of Great Britain and Ireland. Revised by L. Butters. Edinburgh, [1860]. 2 vols. 8°.

882 *Book.* The book of family crests. 13th ed. [By H. Washbourne.] London, 1882. 2 vols. sm. 8°.

CRIMEA: ANTIQUITIES. AR 5488

867/* *Macpherson, D.* Antiquities of Kertch, and researches in the Cimmerian Bosphorus: with remarks on the ethnological and physical history of the Crimea. London, 1867. 4°. 144 pp. Illus. 2 maps.

CRUCIFIXION. AV 788

1594. *Lipse, J.* De cruce. Antwerp. ex Ch. Plantin. fol. 146 pp. (4,714)

Cumberlandmen, lives. *See* Biography, National (English). AD 437

Cyclopædias. *See* Encyclopædias. AC 24-40

CYPRUS. AR 6066

878* *War Office, Intelligence Branch.* Cyprus. Compiled by A. B. Saville. London, 1878. 8°. 175 pp. Map.

DANISH AND ENGLISH DICTIONARIES. AA 31

850 *New.* A new pocket dictionary of the English and Danish languages. Stereotype ed. [in two parts]. Leipzig, *Tauchnitz*, [185?]. 24°. 766 pp.

863 *Hornbeak, C.* Engelsk-Dansk og Dansk-Engelsk Haandbog. Kjobenhavn, 1863. 2 vols. 12°.

867 *Ferrall and Repp.* Dansk-Engelske Ordbog. 3de Udgave, ved R. V. Hyllested. Kjobenhavn, 1867. sq. 16°. 476 pp.

869 *Rosing, S.* Engelsk-Dansk Ordbog. 3e Udgave. Kjobenhavn, 1869. sq. 16°. 608 pp.

873 *Ferrall and Repp.* Dansk-Norsk-Engelske Ordbog 4de Udgave ved A. Larsen. Kjobenhavn, 1873. sq. 8°. 558 pp.

874 *Rosing, S.* Engelsk-Dansk Ordbog. 4de Udgave. Kjobenhavn. sq. 16°. 659 pp.

897 *Larsen, A.* Dansk-Norsk-Engelsk Ordbog. 3je Udgave. Gennemset af J. Magnussen. Kφbenhavn, 1897. 8°. 696 pp. (36,696)

Danish West Indies. *See* West Indies, Danish. AR 9773

ATES (*Dictionaries*). AO 22

*845** *Haydn, J.* Dictionary of dates and universal reference, relating to all ages and nations. 3rd ed. London, 1845. 8°. 595 pp.

*866** —— Dictionary of dates and universal reference, etc. 12th ed., by B. Vincent. London, 1866. 8°. 846 pp.

*871** —— The same. Supplement to the 13th ed., by B. Vincent [1868-70]. London, 1871. 8°. 61 pp.

*873** —— The same. 14th ed., by B. Vincent. London, 1873. 8°. 784 pp.

877 *Townsend, G. H.* The manual of dates. 5th ed., by F. Martin. London, 1877. 8°. 1,086 pp.

*878** *Haydn, J.* Dictionary of dates and universal reference, etc. 16th ed., by B. Vincent. London, 1878. 8°. 884 pp.

895 —— Dictionary of dates and universal information. 21st ed., by B. Vincent. London, 1895. 8°. 1,228 pp.

DEAF AND DUMB: CARE AND EDUCATION. AV 6245

*831** *Gordon, —.* The art of instructing the deaf and dumb; with remarks on existing institutions for their relief. Dublin, 1831. 12°. 40 pp.

1873. *Kaltner, E.* Der Blinden-und Taubstummen-Unterricht. Bericht. *Vienna Universal Exhibition*, 1873. Officieller Ausstellungs-Bericht. Heft 26. 8°. AB 873 r

1878. L'enseignement des sourds-muets par la parole (méthode J. R. Pereire) et l'application de la méthode aux entendants-parlants. Par F. Hément. *Paris Univ. Exhibition*, 1878. Conférences. Série iii. pp. 15-33. 1879. 8°. AB 878 x 1

1878. L'enseignement des sourds-muets dans les écoles d'entendants. Par G. Grosselin. *Ibid.* pp. 95-58. 1879. 8°. AB 878 x 1

1878. Congrès universel pour amélioration du sort des . . . sourds-muets. *Paris Universal Exhibition*, 1878. Congrès, etc. No. 29. 1879. pp. 375-540. AB 878 x

DEAN FOREST. AR 43439

*858** *Nicholls, H. G.* The forest of Dean. London, 1858. 8°. 298 pp. 2 maps.

Decimal coinage, etc. *See* Measures, Weights and Money. Decimal. AW 40

DENMARK. AR 50

*867** *Paris Universal Exhibition*, 1867: *Danish Commission.* Le Danemark à l'Exposition universelle de 1867 . . . au point de vue de l'archéologie. Par V. Schmidt. Paris, 1868. 8°. 262 pp.

DENMARK: ANTIQUITIES. AR 50 1

*882** *South Kensington Museum.* Industrial arts of D. from the earliest times to the Danish conquest of England. By J. J. A. Worsaae. London, 1882. 8°. 218 pp. Map.

DERBYSHIRE. AR 4334

*789** *Pilkington, J.* A view of the present state of Derbyshire. [Vol. i. physical geography, mineral resources, flora, etc.] Derby. 2 vols. 8°.

DERBYSHIRE (*Peak-District*). AR 43345

*824** *Rhodes, E.* Peak scenery, or, the Derbyshire tourist. London, 1824. 8°. 406 pp. Map.

*854** *Robertson, W. H.* A handbook to the Peak of Derbyshire and to the use of the Buxton mineral waters. Botanical appendix by Miss Hawkins. London, 1851. 8°. 239 pp. 3 maps.

Dialect, dictionaries *See under* name of language. AA 01-90 (*Div. d. Dialect, etc.*)

Dictionary Catalogue rules. *See* Book Cataloguing rules. AN 30

—— —— subject headings. *See* Book Cataloguing, Dictionary subject Headings. AN 31

Dictionaries of language, bilingual, are entered once only—(*a*) English and Foreign under the name of the foreign language; (*b*) Others under the name of the foreign language which stands first when translated into English. A reference appears under the name of the second language.

DIRECTORIES, OFFICIAL. AF 10

851 *Haydn, J.* The Book of dignities; containing rolls of the official personages of the British Empire. London, 1851. 8°. 610 pp.

DIRECTORIES, TRADE: UNITED KINGDOM. AX 428

860* *Puseley, D.* The commercial companion and peerage of commerce for the United Kingdom. 2nd ed. First annual publication. London, 1860. 8°. 407 pp.

906 *Whitaker, J., and Sons, Ltd.* The red-book of Commerce, or, who's who in business. 1st Issue, 1906. London, 1906, etc. 8°.

DIRECTORIES, TRADE: UNITED STATES. AX 88

890* *Seeger and Guernsey Co.* Cyclopædia of the manufactures and products of the United States. New York, [1890]. 8°.

Discoveries and lives of discoverers. *See* Inventions and Origins. AB 50-79

Dissertations, Academical. *See* Thesis.

Divination. *See* Occult Sciences, etc. BB 40

Dumb. *See* Deaf and Dumb, Care, etc. AV 6245

DURHAM, COUNTY. AR 4316

816‖ *Surtees, R.* The history and antiquities of the County Palatine of Durham, etc. London, 1816-40. 4 vols. fol.

DUTCH AND ENGLISH DICTIONARIES. AA 34

851 *Bomhoff, D.* A new dictionary of the English and Dutch language. Added a catalogue of proper names. 4th ed. Nimeguen, 1851. 2 vols. 12°.

875 *Calisch, I. M.* New complete dictionary of the English and Dutch languages. Tiel, 1875. 2 vols. 8°.

DUTCH AND SCANDINAVIAN DICTIONARIES. AA 34

826 *Jaeger, N. H.* Woordenboek der Nederduitsche en Deensche of Noorweegsche Talen. Christiania, 1826-31. 2 vols. 8°.

Dutch Dictionaries, Polyglot. *See* Polyglot Dictionaries, AA 96; Technical Dictionaries, Polyglot. AA 98

Dutch East Indies. *See* East Indies, Dutch.

Dutchmen, lives. *See* Biography, National.—Dutch. AD 434

East Indies, Dutch, ethnology, etc. *See* Anthropology, ethnological (*Java, etc.*). AP 4192

East Indies, measures, weights, etc. *See* Measures, Weights and Money; East Indies. AW 51 e

ECONOMIC AND POLITICAL SCIENCE. AT 97

868* *Mill, J. S.* Principles of political economy, with some of their applications to social philosophy. People's ed. London, 1868. 8°. 611 pp.

857* *National Association for the Promotion of Social Science.* Transactions. London, 1857-89. 21 vols.

1874, 1875, 1879 wanting.

ECONOMIC HISTORY AND CONDITIONS (*Comparative—Europe*). AS 13

821* *Dupin, C., Baron.* Considérations sur quelques avantages de l'industrie et des machines en Angleterre et en France. Paris, 1821. 8°. 31 pp. (9,573)

1851. —— Force productive des nations concurrentes depuis 1800 jusqu'a 1851. *London International Exhibition, 1851: French Commission.* Travaux de la commission française. Tome i., parties i-vi. 8°. AB 851 sh

ECONOMIC HISTORY AND CONDITIONS (*England*). AS 1428

611** *Gorges, Sir A.* A true transcript and publication of His Maiesties letters patent for an office to be erected and called the Publicke Register for General Commerce . . . Annexed, an overture and explanation of the nature and purport of said office, etc. London, *J. Budge*, 1611. sm. 4°. 22 ll.

641** *Roberts, L.* The treasure of traffike, or a discourse of forraigne trade. London, 1641. sm. 4°. 118 pp.

z 674** *H[aines], R.* The prevention of poverty: or, a discourse of the causes of the decay of trade, etc. throughout the nation: with certain expedients for remedying the same. London, 1674. 4°. 28 pp.

695** *Cary, J.* An essay on the state of England, in relation to its trade, etc. Bristol, 1695. 12°. 198 pp.

696** *Bellers, J.* Proposals for raising a college of industry for all useful trades and husbandry. London, 1696. 4°. 32 pp.

1703. [*Gandee, J.*] . . . the Royal Navy—also a treatise of navigation and commerce. With remarks on the Greenwich Hospital and the woollen manufactory. London. sm. 4°. 160 pp. (13,669)

ECONOMIC HISTORY AND CONDITIONS (*England*)—continued.

*720** *Trade.* The trade to India critically and calmly consider'd and prov'd to be destructive to the general trade of Great Britain, as well as to the woollen and silk manufactures in particular. London, *W. Boreham*, 1720. 8°. 48 pp.

*724** *Essay.* An essay on publick industry, or a scheme for the increase of our manufactures, the suppression of monopolies, extending trade and commerce, etc. London, *T. Corbett*, 1724. 8°. 26 pp.

*745** *Cary, J.* A discourse on trade, and other matters relating to it. [An essay on national credit, (2) on the Irish linnen manufacture, etc. 5th ed.] London, 1745. 8°. 228 pp.

*z 798** [*Peacock, J.*] The outlines of a plan for establishing a united company of British manufacturers. London, 1798. 8°. 25 pp. 1 table.

*808** *Spence, W.* Britain independent of commerce, or .... our riches derived from sources inherent in ourselves, etc. 6th ed. London, 1808. 8°. 96 pp.

*808** —— Agriculture the source of wealth of Britain. London, 1808. 8°. 110 pp.

A reply to objections raised against the preceding work.

*z 820** *Salisbury, W.* A treatise on the practical means of employing the poor in cultivating and manufacturing articles of British growth, etc. London, 1820. 8°. 46 pp.

*842** *Poor Law Commission.* Report . . . on an enquiry into the sanitary condition of the labouring population of Great Britain, with appendices. (Parliament.) London. 1842. 8°. 490 pp. Ill.

*847** *Porter, G. R.* The progress of the nation . . . from the beginning of the 19th century. New ed. London, 1847. 8°. 835 pp.

*873** *Hoyle, W.* Our national resources, and how they are wasted; an omitted chapter in political economy 5th ed. Manchester, 1873 8°. 96 pp.

1875-77. *Bevan, G. P.* The industrial classes, and industrial statistics. [Vol. i.]. Mining, metals, chemicals, ceramics, glass and paper. [Vol. ii.] Textiles and clothing, food, etc. [*Appendix to British Manufacturing Industries.*] London. 2 vols sm. 8°. AR 428 1

*886/** *Parliament.* Trade. Third report of the Royal Commission appointed to inquire into depression of trade and industry. London, 1886. fol. 496 pp.

ECONOMIC HISTORY AND CONDITIONS (*Ireland*). AS 1449

*851** *White, G. P.* Three suggestions for the investment of capital. 2nd ed. London, 1851. 8°. 48 pp.

ECONOMICS OF PRODUCTION. AU o 5

*831** *Society for the Diffusion of Useful Knowledge, London.* The rights of industry, etc. By the author of "The results of Machinery." [C. Knight.] 2nd ed. London. 1831. 12°. 213 pp.

*832** —— The results of machinery namely cheap production and increased employment, etc. 5th ed. London, 1832. 12°. 214 pp.

832 *Babbage, C.* On the economy of machinery and manufactures. 4th ed. London, 1835. 12°. 432 pp.

*832** —— Ueber Maschinen- und Fabrik-Wesen. Aus dem Englischen von G. Friedenberg. Berlin, 1833. 12°. 514 pp.

1834. *Dupin, C.* De l'influence de la classe ouvrière sur les progrés de l'industrie. Paris. 8°. 16 pp. AS 13*

*836** *Gaskell, P.* Artisans and machinery; the moral and physical condition of the manufacturing population considered with reference to mechanical substitutes for human labour. London, 1836. sm. 8°. 416 pp.

*839** *Symons, J. C.* Arts and artisans, at home and abroad. With sketches of the progress of foreign manufactures. Edinburgh, 1839. 8°. 282 pp.
A free trade study.

*870** *Thurlow, T. J. H.* Trade unions abroad and hints for home legislation. (Reprint.) London, 1870. 8°. 406 pp.

*876** *United States Treasury Dep't.: Bureau of Statistics.* Labor in Europe and America; a special report on the rates of wages, the cost of subsistence and the condition of the working classes in Great Britain, Germany, France, Belgium, etc. By E. Young. Washington, 1876. 8°. 870 pp. (17,968)

[1894-1902.] *Abbe, E.* Sozial-politische Studien. *In his* Gesammelte Abhandlungen. Band 3. 1906. 8°. (30634)

907 *Knoop, D.* American business enterprise. [Univ. of Manchester: Gartside Reports . . . 5.] Manchester, 1907. 8°. 123 pp.

EDUCATION (*Exhibition Catalogues*). BE 56

*854** *Society of Arts.* Official catalogue of the Educational Exhibition, etc. 2nd ed. Ed. G. W. Yapp. London, 1854. 8°. 190 pp.

EDUCATION (*Reports*). BE 10

1889. Education et enseignement [*incl.* school architecture and hygiene, educational appliances, Sloyd, technical education, etc.] See *Paris Univ. Exhibition*, 1889. Rapports du Jury. Classes 6-8. 8°. AB 889 p

*z 873** *Vienna Universal Exhibition*, 1873: *Swiss Comm.* Rapport sur le groupe xxvi, Éducation, Enseignement, Instruction. 1re partie par F. de Tschudi, 2e partie par E. Rambert. Schaffhouse, 1873. 2 pts. 8°.

1900. Éducation et enseignement. *Paris Univ. Exhibition*, 1900. Rapports du Jury. Classe 1. 1902. 8°. 1,032 pp. 344 figs. AB 900 p

EDUCATION: METHODS. BE 53

1796. *Directions* for the use of a scientific table, in the collection and application of knowledge. Norwich. 12°. 114 pp. BE 20*

*851** *Thomas, W. C.* Suggestions for a crystal college, or new palace of glass, for combining the intellectual talent of all nations; or, a sketch of a practical philosophy of education. London, 1851. 8°. 63 pp. 2 pl.

1871. *Dircks, H.* Nature-study: being outlines of a system applicable to the purpose of poetry and eloquence. Edinburgh. sm. 8°. 31 pp. BE 20**

Education of the deaf and dumb. *See* Deaf and dumb, Care etc., of. AV 6245

EDUCATION, SCIENTIFIC AND TECHNICAL (*General treatises*). BE 809

1871. *Iselin, J. F.* Report on materials and appliances for science teaching . . . in the International Exhibition, 1871. *London Intern. Exhibition*, 1871. Official Reports. Vol. ii. Pt. 8. pp. 49-64. AB 871 r

1873. *Dumreicher, A. von.* Das gewerbliche Unterrichtswesen. *Vienna Universal Exhibition*, 1873. Officieller Ausstellungs-Bericht. 1874. Heft 49. 8°. AB 873 r

874 *Twining, T.* Technical training . . . sketch of a national system of industrial instruction, etc. London, 1874. 8°. 481 pp.

877 *Clothworker's Company.* Report . . . on the weaving and other technical schools of the Continent, etc. By W. S. B. McLaren and J. Beaumont. London, 1877. sm. 8°. 126 pp.

EDUCATION, SCIENTIFIC AND TECHNICAL (*General treatises*) —continued.

1886. *Guthrie, F.* Science teaching. 22 pp. *Society of Arts.* Cantor lectures. [Vol. iii.] B 51 : 872

889 *Pennsylvania Legislature.* Report of the Commission on industrial education. Harrisburg, 1889. 8°. 592 pp.

1890. *Wilson, J. M.* On schools: with particular reference to trade schools. 154 pp. *Franklin Institute:* Reprints. [Vol. i.] B 62 : 886

892 *Guild and School of Handicraft.* Manual. Ed. C. R. Ashbee. London, 1892. 8°.

897 *Society of Arts.* Technical education. International Congress on technical education. Report of 4th meeting, June, 1897. London, 1897. 8°. 314 pp.

901* *Alderson, V. C.* German technical schools. [Reprint.] [Chicago, 1901.] 8°. 22 pp.

EDUCATION, SCIENTIFIC AND TECHNICAL: COURSES. BE 83

856* *Karmarsch, K.* Die polytechnische Schule zu Hannover. 1856. 2te Aufl. Hannover. 8°. 278 pp. 3 pl. 3 tables.

906* *Conservatoire Nat. des Arts, etc.* Enseignement des sciences appliquées, etc. [Programmes. etc.] Paris. [1906]. 8°. 28½ pp.

EDUCATION, SCIENTIFIC AND TECHNICAL: ECONOMICS. BE 85

664** *Boyle, Hon. R.* Some considerations touching the usefulnesse of experimental natural philosophy. 2nd ed. Oxford, 1664. 2 vols. in one. 4°.

826* *Burnet, R.* A word to the members of the mechanics' institutes. Devonport, 1826. 8°. 146 pp. 6 pl.

A collection of papers on the value of education, with historical notes on inventions.

834* *Conolly, J.* Lectures on the attractions and advantages of knowledge. Leicester, 1834. 12°. 44 pp.

z 836* *Story, W.* Discourses on the progress of science and literature. Edinburgh, 1836. 12°. 70 pp.

z 838* *Gregory, O.* Aids and incentives to the acquisition of knowledge. Farewell lecture. London, 1838. 8°. 46 pp.

1851. *Playfair, L., Baron.* The study of abstract science essential to the progress of industry. *Royal School of Mines.* Records. Vol. i. Pt. i. G 60 : 852a

EDUCATION, SCIENTIFIC AND TECHNICAL: ECONOMICS—*cont.*

*854** *Faraday, M.* Observations on mental education. London, 1854. 8°.

*870** *Williamson, A. W.* A plea for pure science. London, 1870. 8°. 28 pp.

1891. *Smith, O.* Possibilities of applied science. 26 pp. *Franklin Institute.* Reprints. [Vol. 2.] B 62:866

*902/ *London County Council. Technical Education Board.* Report of the special sub-committee on the application of science to industry. [Reissue.] London. fol. 48 pp.

EGYPT. AR 71

1773. *P^ese de* [i.e., *Corneille de Pauw*]. Recherches philosophiques sur les Égyptiens et les Chinois. Berlin. 2 vols. 12°. AR 60 q

809. *and* ‖ *Description de l'Égypte:* ou recueil des observations et des recherches qui ont été faites en Égypte pendant l'expédition de l'armée Française. Paris, 1809-28. 10 vols. of text and 12 vols. atlas. fol.

*838** —— —— *London Institution* for the advancement of Literature, etc. A bibliographical account and collation of "La Description de l'Égypte" presented to the Library of the London Institution, etc. [By E. W. Brayley.] London, 1838. 8°. 90 pp.

*857** *Barthélemy St. Hilaire, J.* Egypt and the great Suez Canal. A narrative of travels. London, 1857. 8°. 383 pp.

EGYPT: ANTIQUITIES. AR 71 1

1705. *Greenhill T.* Νεκροκηδεία; or the art of embalming; . . . with an account of the Egyptian pyramids, subterranean vaults and lamps. Also a geographical [and general] description of Egypt and [its] inhabitants; their inventions, arts, sciences, etc. London. 4°. 20 ll. + 367 pp. 13 pl.

Electric advertising signs. *See* Advertising Signs, Electric. AW 962

Electro-chemical literature, classification. *See* Book Classification: Electro-chemistry. AN 55 le

ENCYCLOPÆDIAS (*Bibliography and History*). AC 24

885** *Ferguson, J.* Account of a copy of the first edition of the 'Speculum Majus' of Vincent de Beauvais, 1473. (Reprint.) Glasgow, 1885. sm. 4°. 25 pp.
Supplement to his "Notes on books of Secrets," Part 2.

*ENCYCLOPÆDIAS. AC 25

(*English.*)

704/ *Harris, J.* Lexicon technicum: or, an universal English dictionary of arts and sciences, explaining not only the terms of art but the arts themselves. London, 1704. fol.

723/ —— —— Vol. 1 [A-Z], 4th ed. Vol. 2, 2nd ed. [Vol. 3, 2nd] Supplement. London, 1723-44. 3 vols. fol.

738/ *Chambers, E.* Cyclopædia: or, an universal dictionary of arts and sciences; containing an explication of the terms and an account of the things signified thereby, etc. 2nd ed. with supplement. London, 1738-53. 4 vols. fol.

751/ [*Barrow, J.*] A new and universal dictionary of arts and sciences. London, 1751. fol. [1,027 pp.] 61 pl.
Wants the Supplement (1754).

759 *New.* A new universal history of arts and sciences showing their origin, progress, etc., and exhibiting the invention, etc. of the most considerable instruments, engines, and machines, etc. London, *J. Coote*, 1759. 2 vols. 4°. 52 pl.

763 —— A new and complete dictionary of arts and sciences [incl. geography]. By a Society of Gentlemen. 2nd ed. London, *W. Owen*, 1763-64. 4 vols. 8°.
Vol. iii. is of the 1st ed. and is dated 1754.

770/ —— A new royal and universal dictionary of arts and sciences; or, complete system of human knowledge. The anatomical, etc. parts, by M. Hinde; the mathematical, by W. Squire; gardening, etc., by T. Marshall; criticism, etc., by T. Cooke. London, *J. Cooke*, 1770-71. 2 vols. fol.

779/ *Chambers, E.* Cyclopædia; or, an universal dictionary of arts and sciences. With supplement and modern improvements incorporated in one alphabet, by A. Rees. [New ed.] London, 1779-86. 4 vols. in eight. fol.
Without illustrations.

---

* Encyclopædias, which are in this list divided by countries are arranged on the shelves in an unbroken chronological order.

*ENCYCLOPÆDIAS—*continued.*

(*English*)—continued.

788] *Howard, G. S.* The new royal cyclopædia, and encyclopædia; or, complete, modern, and universal dictionary of arts and sciences. London, [1788]. 3 vols. in two. fol.

797 *Encyclopædia* Britannica; or, a dictionary of arts, sciences, and miscellaneous literature. 3rd ed. (Vols. 1-18, 1797, with 542 plates.) With supplement (2 vols., 1801, with 50 plates.) Edinburgh, *A. Bell*, and *C. Macfarquar*, 1797-1801. 22 vols. 4°.

803 *Rees, A.* The cyclopædia; or, universal dictionary of arts, sciences, and literature. Text, vols. 1-39; plates, 6 vols. London, [1803]-20. 45 vols. 4°.

806 *Gregory, G.* A dictionary of arts and sciences. London, 1806-7. 2 vols. 4°.

"Rather practical than speculative."

807 *New.* The new encyclopædia [Perthensis]; or, universal dictionary of arts and sciences. [Ed. A. Aitchison]. Perth, 1807. 23 vols. 8°.

Based throughout upon Encycl. Brit. 3rd ed.

809 *Nicholson, W.* The British Encyclopædia; or, dictionary of arts and sciences. London, 1809. 6 vols. 8°.

810 *Brewster, Sir D.* The Edinburgh encyclopædia. Edinburgh, [1810-] 1830. 18 vols. 4°.

813 *Good, J. M. and others.* Pantologia. A new cyclopædia. By J. M. Good, O. Gregory, N. Bosworth, etc. London, 1813. 12 vols. 8vo.

816 *Harris, W., and others.* The Oxford Encyclopædia; or, dictionary of arts, sciences, and general literature. By W. Harris, J. A. Stewart, C. Butler, etc. Oxford, [1816-]1828. 6 vols. 4°.

817 *Encyclopædia* Britannica; or, a dictionary of arts, sciences, and miscellaneous literature; 5th ed. Edinburgh, *A. Constable and Co.*, 1817. 20 vols. 4°.

Mainly a reprint of the 3rd ed.

817 *Smedley, E., and others.* Encyclopædia Metropolitana, etc. [Vol. 1-2, Pure sciences; 3-8, Mixed sciences; 9-13, History and biography; 14-25, Miscellaneous and lexicographical; 26, Index.] Ed. E. Smedley, Hugh J. Rose, and Henry J. Rose. London, [1817-] 1845. [59 parts in] 26 vols. 4°.

---

* Encyclopædias, which are in this list divided by countries are arranged on the shelves in an unbroken chronological order.

*ENCYCLOPÆDIAS—*continued.*

(*English*)—continued.

826 *London.* The London Encyclopædia; or, universal dictionary of science, art, literature, and practical mechanics. By the original editor of the Encyclopædia Metropolitana [T. Curtis]. London, *T. Tegg*, [? 1826-]1829. 22 vols. 8°.

833 *Society for the diffusion of Useful Knowledge.* The Penny Encyclopædia, etc. London, *C. Knight*, 1833-43. 27 vols. 8°.

835 *Partington, C. F.* The British Cyclopædia of the arts and sciences. London, 1835. 2 vols. 8vo.

Div. 1. Arts and Sciences only.

841 *Encyclopædia.* The Encyclopædia Britannica; or, a dictionary of arts, sciences, and miscellaneous literature. 7th ed. [by Prof. Napier]. With the supplements to the former editions incorporated, general index, &c. Edinburgh, 1841-42. 21 vols. 4°.

Vol. i. Preface and dissertations.

853 —— The Encyclopædia Britannica; or, dictionary of arts, etc. 8th ed. [with general index]. Edinburgh, *A.* and *C. Black*, 1853-61. 22 vols. 4°.

854 *Knight, C.* The English Cyclopædia. A new dictionary of universal knowledge. London, 1854-73. 24 vols. [Geography, 4 vols.; Biography, 6 vols.; Natural History, 4 vols.; Arts and Sciences with Supplement, 1873, 9 vols.; Synoptical Index, 1862.] 4°.

860 *Chambers, W.* and *R.* Chambers Encyclopædia. A dictionary of universal knowledge for the people. With maps and wood engravings. London, etc., 1860-68. 10 vols. 8°.

On the model of Brockhaus' Conversations-Lexikon. 10th Aufl.

862 *Popular.* The Popular Encyclopædia; or, Conversations Lexicon. New ed. Glasgow, *Blackie*, [1862]. 7 vols. in fourteen. 8°.

Based upon the American edition of the 7th edition of Brockhaus' Lexikon entitled "Encyclopædia Americana," with plates and additional essays.

862 —— Same. New ed. by C. Annandale. London, etc., *Blackie*, [1890?]. 14 vols. 8°.

875 *Encyclopædia.* The Encyclopædia Britannica. A dictionary of arts, sciences, etc. 9th ed. With general index. Edinburgh, *A.* and *C. Black*, 1875-89. 25 vols. 4°.

* Encyclopædias, which are in this list divided by countries are arranged on the shelves in an unbroken chronological order.

*ENCYCLOPÆDIAS—*continued.*

(*English*)—continued.

876 *Ross, J. M.* The Globe Encyclopædia of universal information. Edinburgh, 1876-79. 6 vols. 4°.

888 *Chambers, W.* and *R.* Chambers Encyclopædia. A dictionary of universal knowledge. New ed. London, etc., 1888-92. 10 vols. 8°.

889 *Blackie and Son.* Blackie's modern cyclopædia of universal information. With illustrations and maps. Ed. C. Annandale. London, 1889-90. 8 vols. sm. 8°.

902 *Encyclopædia* Britannica. A dictionary, etc. 10th ed. [In continuation of the 9th ed.] Vol. 25-35. Edinburgh, 1902-3. 11 vols. 4°.

Vol. 34, (Maps); vol. 35, Index.

(*American.*)

829* *Lieber, F.,* and *Wigglesworth, E.* Encyclopædia Americana. A popular dictionary . . . on the basis of the 7th ed. of the Conversations-Lexicon. Brockville, Upper Canada, [1829-32], 1835. 13 vols. 8°.

829 —— Same. New ed. [Reprint]. With Supt. Philadelphia, [1829-46], 1854. 14 vols. 8°.

858 *Ripley, G.,* and *Dana, C. A.* The new American Cyclopædia. A popular dictionary of general knowledge. [With supplement.] New York, etc., 1858-63. 16 vols. 8°.

876 *Johnson, A. J.* Johnson's new universal cyclopædia. Ed. F. A. P. Barnard and A. Guyot. New York, 1876 [1874-]1878. 4 vols. 8°.

883 *Encyclopædia.* The Encyclopædia Americana. A supplemental dictionary of arts, sciences, etc. New York, etc., 1883-89. 4 vols. 4°.

American supplement to the Encycl. Brit. (9th ed.), etc. Ed. H. Crosby.

903 *Beach, F. C.* Encyclopedia Americana. A general dictionary of the arts and sciences, literature, history, etc. of the world. New York, 1903-4. 16 vols. 8°.

* Encyclopædias, which are in this list divided by countries are arranged on the shelves in an unbroken chronological order.

*ENCYCLOPÆDIAS—*continued.*

(*French.*)

751/ *Diderot, D.*, and *Alembert, J. Le Rond d'.* Encyclopédie; ou, dictionnaire raisonné des sciences, des arts et métiers. Par une Société de gens de lettres. Tome 1-17 (A-Z), 1751-65; Recueil de planches, 1762-72 (11 vols.); Supplément et suite du Recueil, 1776-77 (5 vols.); Table du Dictionnaire et son supplément, 1780 (2 vols.). Paris (*later* Neufchastel), 1751-80. 35 vols. fol.

751 —— Nouv éd. A-Z, 36 vols. Recueil de planches. 3 vols. Genève, 1777-79. 39 vols. 4°.

A reissue in part of the preceding work.

751 —— *Félice, F. B. de.* Encyclopédie; ou, dictionnaire universel raisonné des connoissances humaines. Texte, 42 vols., 1770-75. Supplément, 6 vols., 1775-76; Planches, 1775-80, 10 vols. Yverdon, 1770-80. 58 vols. 4°.

Based upon the Encyclopédie of Diderot, etc.

782 *Encyclopédie* Méthodique; ou, par ordre de matières. Par une Société de gens de lettres, etc. Arts et métiers mécaniques. Paris, 1782-91. 8 vols. text and 5 vols. plates. 4°.

A rearrangement and revision of the Encyclopédie of Diderot. Cf. Preface, p. xiv.

846 *Encyclopédie* Moderne. Dictionnaire abrégé des sciences, des lettres, des arts, etc. Nouv. éd. . . . publiée par Didot Frères sous la direction de L. Rénier. Paris, [1846-51] 1854-57. 27 vols. in nine and 3 vols. of plates.

—— —— Complément publié . . . sous la direction de Noel des Vergers, L. Rénier, et E. Carteron. Paris, [1856-62] 1856-84. 12 vols. and 2 vols. of plates. 8°.

852 *Encyclopédie* nationale des sciences, des lettres, et des arts. Redigée par une Société de savants. etc. sous la direction de J. P. Houzé et L. Barré. Paris, 1852-53. 4 vols. in two. 4°.

(*German.*)

732/ [*Zedler, J. H.*] Grosses vollständiges Universal Lexicon aller Wissenschaften und Künste, etc. A-Z [64 vols.]. Supplement. A-Caq [4 vols.]. Halle, etc., *J. H. Zedler*, 1732-54. 68 vols. fol.

* Encyclopædias, which are in this list divided by countries are arranged on the shelves in an unbroken chronological order.

*ENCYCLOPÆDIAS—*continued.*

(*German*)—continued.

818 *Ersch, J. S.*, and *Gruber, J. G.* Allgemeine Encyclopädie der Wissenschaften und Künste.

1er Sect. 1-99. A-G. 1818-62. [Register A-G.]
2 „ 1-43. H-Liq. 1827-89.
3 „ 1-25. O-Phy. 1830-50.

Leipzig, *J. F. Gleditsch*, later *F. A. Brockhaus*, 1818-89. 167 vols. (all publ.) 4°.

851 *Brockhaus, F. A.* Allgemeine deutsche Real-Encyclopädie für die gebildeten Stände. Conversations-Lexikon. 10te Aufl. Leipzig, 1851 55. 16 vols. 8°.

858 *Neue* Encyclopædie der Wissenschaften und Künste. Für die Deutsche Nation geschrieben von Arneth, Bernoulli, etc. 2te Aufl. Stuttgart, 1858. 6 vols. in eight. 8°.

A collection of treatises with separate pagination.

870 *Illustrirtes* Konversations- Lexikon. [Band 1-8 (A-Z), 9-10 Ergänzungbände.] Leipzig, *O. Spamer*, 1870-82. 10 vols. 4°.

875 *Brockhaus, F. A.* Conversations- Lexikon. Allgemeine deutsche Real-Encyclopädie. 12te Aufl. Leipzig, 1875-79. 15 vols. 8°.

893 *Meyer, H. J.* Meyer's Konversations-Lexikon. Ein Nachschlagewerk des allgemeinen Wissens. 5te Aufl. [Band 1-17 A-Z; 18-21 Ergänzungsbände.] Leipzig, etc., 1893-1901. 8°.

(*Italian.*)

861 *Predari, F.* Enciclopedia Nazionale, etc. [A-Po.] Milano, 1861[-1874 ?]. 8 vols. 8°.

Based in part upon the Encyclopédie Nationale of Houze and Barré. 1853-53.

875 *Boccardo, G.* Nuova enciclopedia italiana, ovvero, Dizionario generale di scienze, lettere, industrie, etc. Vol. 1-23, A-Z; 24 Indici; 25 (parte 1-3) Tavole. 6a ed. Torino, 1875-88. 25 vols. 4°.

875 —— Same. Supplemento. Dal S. Pagliani. Milano, 1889-99. 5 vols. in six. 8°.

(*Spanish.*)

851 *Mellado, F. de P.* Enciclopedia moderna. Madrid, 1851-55. 34 vols. 8° with 3 vols. of plates.

A Spanish edition of the "Encyclopédie moderne."

* Encyclopædias, which are in this list divided by countries are arranged on the shelves in an unbroken chronological order.

ENCYCLOPÆDIAS, ICONOGRAPHIC. AC 40

776 *Schauplatz* der Natur und der Kunst in vier Sprachen. Jahrg. 3. 48 Platten und Beschreibungen. Wien, 1776. fol.

Iconology of natural history, arts, professions and sports.

849. *Heck, J. G.* Bilder- Atlas zum Conversations-Lexikon. Ikonographische Encyclopädie der Wissenschaften, etc. Leipzig, 1849-60. 20 vols. 8° and obl. 4°.

Abt. 5 is of the 5te Ausg. and is dated 1860.

849 —— Iconographic Encyclopædia. From the German. With additions by S. F. Baird. New York, [1849] 1852. 4 vols. 8° and 2 vols. obl. fol.

875 *Bilder- Atlas.* Ikonographische Encyclopädie der Wissenschaften und Künste. Ein Ergänzungswerk zu jedem Conversations-Lexikon. 2te Aufl. Leipzig, 1875. 2 vols. 8° and 8 vols. obl. fol. atlas.

Encyclopædias, Oriental. *See* Oriental Encyclopædias. AR 60 c

Encyclopædic dictionaries. *See* Encyclopædias; and *under* name of language. AA 01-90. (*Div. a. Encyclopædic, etc.*).

Engineering and Mechanics, Dictionaries. *See* Arts and Manufactures, mechanical technology (*Dictionaries*). AB 30

Engineering literature, classification. *See* Book Classification: Engineering. AN 55 ng.

Engineering terms, Dictionaries. *See* Technical Dictionaries, Bilingual AA 97. — Polyglot AA 98; and under name of language, *e.g.*, English Language Dict. (*Div. g. Technical terms*).

ENGLAND. AR 43

664** *Sorbière, S. de.* Relation d'un voyage en Angleterre, ou sont touchées plusieurs choses, qui regardent l'estat des sciences, et de la religion, et autres matières curieuses. Cologne, [1664] 1666. 12°. 186 pp.

664** —— Same. Another ed. Cologne, 1667. 12°. pp.

664** —— A voyage to England, containing many things relating to the state of learning, religion and other curiosities of that kingdom. Also, observations by Dr. Sprat, etc. From the French. London, 1709. 8°. 222 pp.

ENGLAND—*continued.*

669/* *Cosmo III., Grand Duke of Tuscany.* Travels through England (1669). From the Italian MS. Prefixed a memoir of his life. London, 1821. 4°. 508 pp. Portr. and 39 views of towns, etc.

718* *Miege, G.* The present state of Great Britain and Ireland. In three parts. [Added, the present state of H.M.'s dominions in Germany, 1717.] 4th ed. London, 1718. 8°. 4 pts. in one. pp.

811* *Svedenstjerna, E. T.* Reise durch einen Theil von England und Schottland 1802-3, besonders in berg- und hüttenmännischer, technologisches, etc. Hinsicht. Aus dem Schwedischen von J. G. L. Blumhof. Cassel, etc., 1811. 8°. 204 pp.

ENGLAND (*Eastern Counties: Fen District*). AR 43263

642* *Vermuyden, Sir C.* A discourse touching the drayning the great fennes lying within the counties of Lincolne, Northampton, etc. London, 1642. sm. 4°. 32 pp.

Wants the map.

665** *Dodson, W.* The designe for the perfect draining of the Great Level of the Fens (called Bedford Level), etc. With map. London, 1665. 4°. 3 ll. 40 pp.

710** *Bateson, P.* Some papers relating to the general draining of marsh land in . . . Norfolk. With Mr. Berner's objections, etc. With plan. London, 1710. 4°. 24 pp.

745* *Labelye, C.* The result of a view of the Great Level of the Fens . . . July, 1745. London, 1745. sm. 4°. 32 pp.

766/* *Armstrong, J.* The history . . . of the navigation of the port of King's Lyn, etc.: and of the navigable rivers that have their course through the great level of the fens called Bedford Level, etc. London, 1766. fol. 156 pp. 7 pl.

770** *Grundy, J.* Report [to the adventurers of Deeping Fens] respecting the drainage of Deeping Fenns in Lincolnshire [1770]. 4°. MS. 169 pp. 1 plan on vellum.

777* *Jones, T.* The case of Thomas Jones, C. L. of Ely, Cambr., . . . with . . . remarks on the general state of the Bedford Level, etc. London, *Leacraft*, [1777]. 4°. 24 pp.

ENGLAND (*Eastern Counties : Fen District*)—continued.

*778** *Answer.* An answer to a book intituled "An enquiry into . . . the principles of a Bill . . . for the preservation of the Great Level of the Fens and the navigation through the same by a tax on the lands and a toll on the navigation." London, *T. Cadell*, 1778. 8°. 130 pp.

*791** *Watté, J.* Reports [on the drainage of the south and middle levels of the Fens]. With plan. Wisbeach, 1791. 4°. 18 pp. 2 pl.

*793** *Elstobb, W.* An historical account of the Great Level of the Fens, called Bedford Level, and other fens, marshes, and low-lands in this kingdom, etc. Lynn, 1793. 8°. 296 pp. 2 maps.

*829** *Wells, S.* Bedford Level. Map. London, 1829. Sheet.

*830** —— The history of the drainage of the Great Level of the Fens with the constitution and laws of the Bedford Level Corporation. London, 1830. 2 vols. 8°.

*868** *Wheeler, W. H.* History of the Fens of South Lincolnshire. Boston, 1868. sm. 8°. 188 pp. Map, etc.

878 *Miller, S. H.*, and *Skertchly, S. B. J.* The Fenland, past and present. Wisbech, 1878. 8°. 681 pp. 1 map. 27 pl. 1 col. pl.

896 *Wheeler, W. H.* History of the fens of South Lincolnshire. 2nd ed. Boston, [1896]. 8°. 621 pp. 16 maps and pl.

ENGLAND (*Midland and N. W. Districts*). INDUSTRIES. AR 4332 1

851 *Slight* sketch of the manipulatory processes in electro-metallurgy, glass, and papier maché manufacture, steel pen and button making, brassfounding, coining etc., with the list of manufactories to be visited. Birmingham, [1851 . 12°. 28 pp.

853 *Horton, H. H.* Birmingham. A poem. 2nd ed. With appendix [on Birmingham industries]. Birmingham, 1853. 12°. 290 pp.

866 *Timmins, S.* The resources, products and industrial history of Birmingham and the Midland hardware district. London, 1866. 8°. 734 pp.

1876. *Aitken, W. C.* Guns, nails, locks, screws, buttons, pins, needles, etc. *Bevan, G. P.* British Manufacturing Industries. [iii.] 184 pp. AR 428 1

1901, etc. *Birmingham Magazine of Arts and Industries.* Birmingham. 4°. A1 : 901

NGLAND (*Northern Counties*). AR 431

833* *Sopwith, T.* An account of the mining districts of Alston Moor, Weardale and Teesdale in Cumberland and Durham, etc. Alnwick, 1833. sm. 8°. 191 pp. Map.

NGLAND (*Northern Counties*): INDUSTRIES. AR 431 1

864* *Armstrong, Sir W. G, and others.* The industrial resources of the districts of the Tyne, Wear and Tees. 2nd ed. London, 1864. 8°. 411 pp. 36 maps and pl.

869 *Fairbairn, Sir W.* The rise and progress of manufactures and commerce, and of civil and mechanical engineering in Lancashire and Cheshire. [Manchester, 1869.] 4°. 260 pp. 6 pl. [Forms Vol. ii. of T. Baines' "Lancashire and Cheshire; past and present."]

889* *Richardson, W., and others.* British Association, Newcastle-upon-Tyne, 1889. Official local guide. Industrial section. [By several writers.] Newcastle-upon-Tyne, 1889. sm. 8°. 262 pp. 11 pl.

England, antiquities. *See* British Isles: Antiquities. AR 428 i

England, coinage. *See* Coins and Coinage: England. AO 67 e

England, Commercial history. *See* Commerce, History (*England*). AQ 19 eng

England, economic conditions. *See* Economic History and Conditions (*England*). AS 1428; England: History, Social, Industrial, etc. AR 43 m

England, Gazetteers. *See* British Isles: Gazetteers. AQ 31

ENGLAND: HISTORY. AR 42 q

775* *British.* The British chronologist; comprehending every material occurrence, ecclesiastical, civil, or military, relative to England and Wales, from the invasion of the Romans to the present time [1762]. London, 1775. 3 vols. 8°.

837* *Pictorial.* The pictorial history of England, being a history of the people as well as a history of the kingdom. [Vols. 5-6 edited by G. L. Craik and C. Macfarlane.] London, *Chas. Knight*, 1837-41. 6 vols. 8°.

837* —— The pictorial history of England during the reign of George the Third, etc. Vols. 1-4 by G. L. Craik and C. Macfarlane. [London, n.d.] 4 vols.

ENGLAND: HISTORY (*Periodicals*). AR 428 t

758* *Annual Register.* London, *R. Dodsley,* 1758–1894. 136 vols.
General Index; 1758–1819 (1826).

ENGLAND: HISTORY (*Sources*). AR 42 p

719** *Parliament.* The report of the Lords Committees, appointed by the House of Lords to view and consider the publick records; as also, in what manner and place the same are now kept, etc. London, 1719. 8°. 111 pp.

739* *Index.* An index to the Records with directions to the several places where they are to be found, etc. (By — Strachey.) London, *G. Hawkins,* 1739. 8°. 190 pp.

00‖ *Parliament.* Reports from the select committee [of the House of Commons] appointed to inquire into the state of the Public Records. London, 1800. fol.

831** *Record Commission.* Public records. A description of the contents, objects, and uses of the various works printed by authority of the Record Commission; for the advancement of historical and antiquarian knowledge. London, 1831. 8°. 140 pp.

832** *Cooper, C. P.* An account of the most important public records of Great Britain, and the publications of the Record Commissioners, etc. London, 1832. 2 vols. 8°.

837‖ *Parliament.* General report . . . from the Hon. Board of Commissioners on the Public Records . . . by a Commission dated 12th March, 1831. With appendix, etc. London, 1837. fol.

846/* [*Thomas, F. S.*] Notes of materials for the history of Public Departments. London, 1846. fol. 228 pp.

853** *Thomas, F. S.* Handbook to the Public Records. London, 1853. 8°. 62 + 482 pp. 1 col. pl.

ENGLAND: HISTORY, SOCIAL, INDUSTRIAL, AND INTELLECTUAL. AR 43 m

790* *Society of Antiquaries.* A collection of ordinances and regulations for the Government of the Royal Household made in divers reigns from King Edward III. to King William and Queen Mary. London, 1790. 4°. 530 pp.

819* *Barlace, J. G.* An historical sketch of the progress of knowledge in England from the conversion of the Anglo Saxons to the end of the reign of Elizabeth. London, 1819. 4°. 388 pp. 1 pl.

ENGLAND: HISTORY, SOCIAL, INDUSTRIAL, AND INTELLECTUAL —*continued.*

*859** *Philp, R. K.* The history of progress in Great Britain. [Communications, architecture, agriculture, etc.] London, 1859-60. 2 vols. 8°. pl.

*838** *Williams, C.* The seven ages of England, or, its advancement in arts, literature, and science, from the earliest periods to the present time. London, 1838. sm. 8°. 620 pp.

*861** *Our* English home: its early history and progress. With notes on the introduction of domestic inventions. 2nd ed. Oxford, *J. H.* and *J. Parker*, 1861. sm, 8°. 208 pp.

England, inventions. *See* Inventions, local (*England*), AB 642

—— lives of inventors. *See* Inventors and discoverers: Lives—Local (*United Kingdom*). AB 742

English Dictionaries with equivalents in a foreign language. *See* under the name of the foreign language,

English Dictionaries with equivalents in more than one foreign language. *See* Polyglot Dictionaries. AA 96

ENGLISH LANGUAGE: DICTIONARIES. AA 37

*656** *B[lount], T.* Glossographia: or, a dictionary interpreting all such hard words . . . as are now used in our refined English tongue. London, 1656. 8°, 344 ll. (unpaged. Sign. A-U u g).

717 *Coles, E.* An English dictionary explaining difficult terms in divinity, husbandry . . . and other arts and sciences. [New ed.] London, 1717. 8° in fours. unpaged. Sign. A-T t.

719 *Blount, T.* Glossographia Anglicana Nova; or a dictionary interpreting such hard words as are used in English. [Enlarged by W. Nelson.] 2nd ed. London, 1719. 8°. unpaged. Sign. A-R r.

721 *Kersey, J.* Dictionarium Anglo-Britannicum; or, a general English dictionary. 3rd ed. London, 1721. 8° in fours. unpaged. Sign. A-S s s s.

749 *Martin, B.* Lingua Britannica reformata; or a new English Dictionary. Prefixed a physico grammatical essay; and six copper plate figures illustrating the mathematical section. London, 1749. 8°. 2 vols. in one.

749 —— Same. 2nd ed. London, 1754. 8° in fours. unpaged. Sign. A-A a a a a.

Also Gazetteer of the United Kingdom. Wants six copper plate figures illustrating the mathematical section.

ENGLISH LANGUAGE: DICTIONARIES—*continued.*

755/ *Johnson, S.* A dictionary of the English language. Prefixed a history of the language and an English grammar. London, 1755. 2 vols. fol.

755/ —— Same. Stereotyped ed. from the last folio edition (1773). London, 1820. 1,412 pp. 1 pl.

772 *K., J.* [i.e., *J. Kersey*]. A new English Dictionary, etc. 8th ed. London. In fours. Sign. A-R r.

775 *Ash, J.* New and complete dictionary of the English language. Prefixed a compendious grammar. London, 1775. 2 vols. in one. 8°.
Also Gazetteer of the United Kingdom.

839 *Richardson, C.* A new dictionary of the English language. London, 1839. 8°. 912 pp.

856 —— A new dictionary of the English language, combining explanation with etymology and illustrated by quotation, etc. New ed. London, 1856. 2 vols. 4°.

888 *Murray, Sir J. A. H.* A new English dictionary on historical principles. (The Oxford English dictionary.) Founded mainly on the materials collected by the Philological Society. [Letter E F G L M, etc., by H. Bradley; and N Q R, etc., by W. A. Craigie.] Oxford, 1888, etc. 4°. *In progress.*

ENGLISH LANGUAGE: DICTIONARIES (*Encyclopædic and Illustrated*). AA 37 a

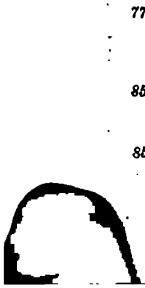
764/ *Bailey, N.* A new universal etymological English dictionary. With authorities, etc. Also, explanations of terms in the Arts, etc. Illustrated with copper plates. New ed. by J. N. Scott. London, 1764. fol. unpaged. Sign. A-12 S. 1 pl. 4 sheets of tables.

766 —— An universal etymological English dictionary. 21st ed. London, 1766. 8° in fours. unpaged. Sign. A-5 X.

776 —— The new universal etymological English dictionary . . . illustrated. Added, a dictionary of cant words. 6th ed. London. 8° in fours. unpaged. Sign. A-4 S.

854 *Ogilvie, J.* Imperial dictionary, English, technological and scientific. [Supplement.] Glasgow, 1854-55. 3 vols. 1. 8°.

856 *Webster, N.* A dictionary of the English language. Revised by C. A. Goodrich. London, 1856. 4°.



NGLISH LANGUAGE: DICTIONARIES (*Encyclopædic and Illustrated*)—continued.

863 *Ogilvie, J.* The imperial dictionary, English, technological and scientific. Also a Supplement. Illustrated. London, 1863. 2 vols. l. 8°.

869 *Webster, N.* Dr. Webster's complete dictionary of the English language. Revised by C. A. Goodrich and N. Porter. London, 1869. 4°.

879 *Hunter, R.* The encyclopædic dictionary . . . with illustrations. [Supplement.] London, 1879-1903. 8 vols. 8°.

Generally known as Cassell's Encyclopædic Dictionary. Hunter's name appears on the title page of vol. 1 only.

882 *Ogilvie, J.* The imperial dictionary of the English language. New ed. by C. Annandale. Illustrated. [Supplement and Appendix.] London, 1882-83. 4 vols. l. 8°.

884 *Webster, N.* An American dictionary of the English language. Ed. C. A. Goodrich and N. Porter. Added, Supplement [and Appendices of names, proper, fictitious, and of places], etc. Springfield, Mass., 1889, [1884]. 4°. 2,007 pp. 4 col. pl. 1 port.

889 *Whitney, W. D.* The century dictionary. An encyclopædic [illustrated] lexicon of the English language. New York, 1889-91. 6 vols. 4°.

890 *Webster, N.* Webster's international dictionary of the English language . . . comprising the issues of 1864, 1879, and 1884 . . . revised by N. Porter. With Appendix. London, etc., 1890. 4°. 2,100 pp. 1 port.

895 *Funk and Wagnalls Co.* A standard dictionary of the English language. Supplement . . . containing Addenda; proper names; foreign words, etc.; faulty diction; formation of the plurals of nouns, etc. New York, 1895-1904. 3 vols. 4°. col. plates.

902 *Webster, N.* A supplement to Webster's international dictionary, containing twenty-five thousand new words, phrases, and definitions. Ed. W. T. Harris. London, 1902. 4°. 238 pp.

ENGLISH LANGUAGE: DICTIONARIES (*Etymological*). AA 37 c

859 *Wedgwood, H.* A dictionary of English etymology. London, 1859-65. 3 vols. 8°.

ENGLISH LANGUAGE: DICTIONARIES (*Dialect*). AA 37 d

691** *Ray, J.* A collection of English words not generally used, in two alphabetical catalogues (i. Northern counties; ii. Southern counties), etc. 2nd ed. London, 1691. sm. 12°. 211 pp.

834 *Toone, W.* A glossary and etymological dictionary of obsolete and uncommon words, phrases, etc. With historical notices of ancient customs and manners. 2nd ed. London, 1834. 12°. 487 pp.

873 *English Dialect Society.* Series B. Reprinted glossaries.

i. North of England. 1781.
ii. East Yorkshire. 1788.
iii. East Norfolk. 1787.
iv. Gloucestershire. 1789.
v. Midland Counties. 1790.
vi. W. Devonshire. 1796.
vii. W. Yorkshire. 1811.
viii.-x. Derbyshire Mining. 1681-1802.
xi. Isle of Thanet. 1736.
xii. Herefordshire. 1804.
xiii. Scotch. 1595.
xiv. Various. 1724-5.

Edited by W. W. Skeat. London, 1873-74. 2 vols. 8°.

ENGLISH LANGUAGE: DICTIONARIES (*Synonyms*). AA 37 e

776 *Difference.* The difference between words, esteemed synonymous, in the English language. [By J. Trusler.] Dublin, 1776. 2 vols. in one. 12°.

822 *Booth, D.* An analytical dictionary of the English language in which the words are explained in the order of their natural affinity. [With] Introduction containing a new grammar of the language. London, [1822-1835]. 4°. 678 pp.

826 *Crabb, G.* English synonymes, with illustrations and explanations from the best writers. New ed. London, 1826. 4°. 752 pp.

ENGLISH LANGUAGE: DICTIONARIES (*Phraseology*). AA 37 f

870 *Brewer E. C.* Dictionary of phrase and fable. London, 1870. sm. 8°. 979 pp.

ENGLISH LANGUAGE: DICTIONARIES (*Technical terms*). AA 37 g

823 *Crabb, G.* Universal technological dictionary, a familar explanation of the terms used in all arts and sciences containing definitions drawn from original writers and illustrated by plates, etc. London, 1823. 2 vols. 4°.

833 —— A dictionary of general knowledge; or an explanation of words and things connected with all the arts and sciences. 3rd ed. London, 1833. 8°. 388 pp. ill.

840 *Francis, G. W.* The dictionary of the arts, sciences, and manufactures. London, [1840-]1842. 8°. 464 pp. ill.

1840. *Tanner, H. S.* A description of the canals and railroads of the United States. New York. 8°. (17,690)
Contains a glossary of terms employed in engineering; pp. 235-64.

*841** *Brees, S. C.* A glossary of civil engineering. London, 1841. 8°. 311 pp.

849 *Weale, J.* Rudimentary dictionary of terms used in architecture, building . . . art, engineering, mining, etc. London, 1849-50. 12°. 576 pp. 1 pl.

853 *Brees, S. C.* The illustrated glossary of practical architecture and civil engineering. London, 1853. 8°. 490 pp.

853 *Grier, W.* The mechanic's pocket dictionary, being a note book of technical terms, etc., for the use of millwrights, engineers, machine-makers, carpenters, joiners, and students of natural philosophy. 10th ed. Glasgow. 12°. 551 pp. 4 pl.

*853** —— Same. 14th ed. [Reprint.] Glasgow, 1861. 12°.

860 *Weale, J.* Rudimentary dictionary of terms used in architecture, building . . . art, engineering, mining, etc. 2nd ed. London, 1860. 12°. 607 pp. 1 pl.

869 *Nuttall, T.* Dictionary of scientific terms. London, 1869. 8°. 343 pp.

873 *Weale, J.* A dictionary of terms used in architecture, building, engineering, mining, metallurgy, archæology, etc. 4th ed. Ed. R. Hunt. London, 1873. 12°. 581 pp.

876 *Buchanan, W. M.* The dictionary of science and technical terms used in philosophy, literature professions, etc. New ed., with supplement by J. A. Smith. London, 1876. 18°. 824 pp.

879 *Rossiter, W.* An illustrated dictionary of scientific terms. London, etc., 1879. sm. 8°. 350 pp.

ENGLISH LANGUAGE: DICTIONARIES (*Technical terms*)—cont.

879 *Stormonth, J.* A manual of scientific terms; pronouncing, etymological, and explanatory. 2nd ed. Edinburgh, [1879] 1885. sm. 8°.

879 —— Same. New ed. Edinburgh, 1897. sm. 8°. 488 pp.

888 *Lockwood, Crosby, & Son.* Lockwood's dictionary of terms used in the practice of mechanical engineering, embracing those current in the drawing office, pattern shop, foundry, fitting, turning, smith's and boiler shops, etc. Edited by "A Foreman Pattern-Maker," [*i.e.*, J. G. Horner]. London, 1888. sm. 8°. 423 pp.

894 *Parliament.* Royal Commission on Labour. Indexes, vol. 3. Glossary of technical terms used in the evidence, etc. [By G. Drage.] London, 1894. fol. 104 pp.

Englishmen, lives. *See* Biography, National: English. AD 437

ENGRAVED GEMS. AO 50

739* *Dissertatio* glyptographica, etc, [descriptive of two ancient gems in the Victorian Museum at Rome]. Rome, 1739. 4°. 155 pp. 1 pl.

768** *Worlidge, T.* A select collection of drawings from curious antique gems . . . etched after the manner of Rembrandt. London. 4°. 67 pp. Portr. and 181 pl.

790* *Köhler, H. K. E. von.* Gesammelte Schriften. Band iii-v. [179?-1810]. [Gemmen-Kunde, etc.] St. Petersburg, 1851-52. 3 vols. in one. 8°.

804** *Dagley, R.* Gems selected from the antique. London. 4°. 95 pp. 20 pl.

EPISTEMOLOGY; LOGIC OF SCIENCE. BD 29

1884. *Nägeli, C.* Mechanisch-physiologische Theorie der Abstammungs-Lehre. Anhang I. Die Schranken der naturwissenschaftlichen Erkenntniss. München. 8°. (20,043)

885 *Stallo, J. B.* The concepts and theories of modern physics. [Theory of cognition, pp. 129, etc.] 2nd ed. London, 1885. sm. 8°.

900 *Pearson, K.* The grammar of science. 2nd ed. London, 1900. 8°.

902 *Ostwald, W.* Vorlesungen über Naturphilosophie. 2te Aufl. Leipzig, 1902. 8°. 471 pp.

903 *Poincaré, J. H.* Science and hypothesis. [1903. Transl. by W. J. G.] London, 1905. sm. 8°. 271 pp.

Eskimo bows. *See* Anthropology: Primitive industries (*Weapons*). AP 73 ea

ESPERANTO DICTIONARIES. AA 98

905 *O'Connor, J. C.,* and *Hayes, C. F.* English-Esperanto dictionary. [And] Esperanto-English dictionary, by A. Motteau. London, 1905. sm. 8°. 330 pp.

Ethnology. *See* Anthropology. AP 30-73

Etymology, dictionaries. *See under* name of language. AA 01-90 (*Div. c. Etymological*).

EUROPE. AR 30

*677** *Brown, E.* An account of several travels through . . . Germany [and Austria] wherein the mines, baths and other curiosities are treated of. London, 1677. 4°. 185 pp. 6 pl.

*685/** —— A brief account of some travels in divers parts of Europe. With observations on the . . . mines, etc. 2nd ed. London, 1685. fol. 229 pp. 13 pl.

*711** *Ed., C., pseud.* [*C. Erndel*]. The relation of a journey into England and Holland in 1706 and 1707. By a Saxon Physician. From the Latin. London, 1711. 8°. 148 pp.

*753*** *Uffenbach, Z. C. von.* Merckwürdige Reisen durch Niedersachsen, Holland und Engelland. Frankfurt, etc., 1753-54. 3 vols. 8°.

Many mechanical plates.

*820** *Jacob, W.* A view of the agriculture, manufactures, statistics, and state of society of Germany and parts of Holland and France, taken in a journey through these countries in 1819. London, 1820. 4°. 464 pp.

Europe, economic conditions. *See* Economic History and Conditions (*Comparative—Europe*). AS 13

EUROPE (*Social, Industrial, and Intellectual History*). AR 30 m

*848*** *Lacroix, P., and others.* Le Moyen-Age et la Renaissance. Paris, 1848-51. vols. 4°.

EUROPE, CENTRAL AND SOUTH EASTERN. AR 37

*781** *Hermann, B. F.* Reisen durch Oesterreich, Steyermark Kärnten, Krain, Italien, Tyrol, Salzburg und Baiern in 1780. In Briefen. Wien, 1781-83. 3 vols. in two. sm. 8°.

*782** *Bourrit, M. T.* Beschreibung der penninischen und rhätischen Alpen mit Kupfern. Zürich, 1782. 8°. 388 pp.

*788** *Razumowsky, G. von.* Mineralogische und physikalische Reisen. Aus dem Französischen übersetzt von I. M. Tzschoppe. Dresden, 1788. 8°. 275 pp.

*816** *Vierthaler, F. M.* Meine Wanderungen durch Salzburg, Berchtesgaden und Oesterreich. Wien, 1816-17. 2 vols. 12°. pl.

*855** *Saussure, H. B. de.* Voyages dans les Alpes. 3e éd. Paris, 1855. sm. 3°. 368 pp.

EUROPE, NORTHERN. AR 53

*772** *Marshall, J.* Travels through Holland, Flanders, Germany, Denmark, Sweden, Lapland, Russia, The Ukraines and Poland, 1768-70. [Chiefly agricultural.] London, 1772. 3 vols. 8°.

*862** *Laurie, W. F. B.* Northern Europe (Denmark, Sweden, Russia), local, social and political in 1861, with continuation to May, 1862. London, 1862. 8°. 394 pp.

Contains a statement of the claims of Patrick Miller of Dalswinton to the invention of the "Carronade."

EUROPE, SOUTHERN. AR 309

*794** *Young, A.* Travels during 1787-89; undertaken with a view of ascertaining the cultivation, wealth, resources and national prosperity of . . . France. 2nd ed. London, 1794. 2 vols. 4°.

Travels in France, Spain and Italy.

Exchanges. *See* Measures, weights, and money. AW 20-59

EXHIBITIONS: ECONOMIC VALUE, ETC. AB 82

*z 862** *Huard, A.* Les expositions industrielles. Abus et réformes. Paris, 1862. 8°. 24 pp.

*907f** *Board of Trade.* Report of the Committee appointed . . . to make inquiries with reference to the participation of Great Britain in great international exhibitions. With evidence, etc. London. 2 vols. in one. fol.

EXHIBITIONS: HISTORY. AB 81

574 *Estienne, H.* La foire de Francfort. Trad. sur l'originale de 1574 par L. Liseux avec le texte Latin en regard. Paris, 1875. 16°. 107 pp.

1867. *Paris Universal Exhibition*, 1867. Précis des opérations, etc., avec un Appendice sur l'avenir des Expositions, etc. pp. 265-328. Paris, 1869. 8°. AB 867 b

1880. *Engelmann, J.* Der Weltverkehr, etc. . . . Industrie-Ausstellungen und die Pariser Weltausstellung, 1878. 3te Aufl. Leipzig. 2 vols. 8°. (12,377)

1889. *Paris Universal Exhibition*, 1889. Rapport Général. Tome 1. Historique sommaire des Expositions universelles Françaises de 1798 à 1849. 1891. 1 8°. 372 pp. 14 pl. AB 889 r

893 *Chicago Exhibition*, 1893. World's Fairs from London, 1851 to Chicago, 1893. Chicago, 1893. 8°. 82 pp. 1 pl.

902 *Berger, H. G.* Les expositions universelles internationales (leur passé, leur rôle actuel, leur avenir). Paris, 1902. 8°. 164 pp.

EXHIBITIONS, PERMANENT. AC 015-23

AC 019* *Köhler, J. D.* Anweisung für reisende Gelehrte, Bibliothecken, Munz-Cabinette . . . mit Nutzen zu besehen. Frankfurt, etc., 1762. sm. 8°. 300 pp.

AC 02 n* *Norwich Polytechnic Exhibition.* Catalogue. Norwich, 1840. 8°. 64 pp.

AC 03 b* *British Museum: London.* The general contents of the British Museum, with remarks serving as a directory in viewing that noble cabinet. London, 1761. 8°. 115 pp.

AC 03 b* —— The same. 2nd ed. London, 1762. 12°. 265 pp.

AC 03 b* —— Synopsis of the contents of the British Museum. 4th, 37th, 43rd, 60th, and 63rd ed. London, 1810, 1838, 1841, 1853, 1856. 8°.

AC 03 cz* *Crystal Palace Co.* The industrial directory of the Crystal Palace. Sydenham, 1854. sm. 8°. 36 pp.

AC 03 c* —— *Phillips, S.* Guide to the Crystal Palace. London, 1854. sm. 8°. 175 pp. 3 pl.

AC 03 c* —— —— Same. New editions. Sydenham, 1856, 1858. 8°.

AC 03 c* —— *Seaward, —.* New Crystal Palace Guide. London, [1853?] 8°.

EXHIBITIONS, PERMANENT—*continued.*

AC 03 k* *Kahn's Museum and Gallery of Science.* Illustrated handbook. i. Anatomical. ii. Experimental science. London, [186?]. 8°. 92 pp. 1 pl.

AC 04 e* *Edinburgh Museum of Science and Art.* Catalogue of industrial department. 2nd ed. Edinburgh, 1869. 8°. 112 pp. 2 pl.

AC 06 pc* *Conservatoire des Arts et Métiers, Paris.* Arrêté réglementaire, 1854. Paris, 1854. 8°. 10 pp.

AC 07 g* *Maison de Melle, Ghent.* Institution littéraire, etc. Notice sur les collections scientifiques et sur le musée commerciel-industriel. Gand, 1871. 8°. 52 pp.

AC 09 Nur* *Leibnitz, J. J.* Inclutæ Bibliothecæ Norimbergensis memorabilia. Nuremberg, 1674. sm. 4°.

AC 09 w* *Württemberg: Kgl. Centralstelle für Gewerbe, etc.* Katalog über die Sammlungen. i. Musterlager von Industrie- Producten. 2te Aufl. ii. Zeichnungswerke. iii. Lehrmittel. iv. Zeichnungsvorlagen v. Gypsmodelle. Stuttgart, 1868-72. 5 pts. in one. sm. 8°.

AC 12 t/* *Reale Museo Industriale Italiano: Turin.* [Relazione, etc. By G. Codazza.] Torino, 1873. 4°. 119 pp. 3 pl.

AC 12 v* *Moscardo, Conte, L.* Note overo Memorie de Museo del Conte L. Moscardo, dal medesimo descritte in tre libri. Verona, 1672. fol.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL. AB 85-99

1851: London.

AB 851 a*³ —— *Dilke, Sir C. W.* Exhibition of 1851. Catalogue of a collection of works having reference to the exhibition. (*Printed for private circulation.*) [London], 1855. 8°. 116 pp.

Author and title bibliography.

AB 851 b/ —— Collection of miscellaneous papers. 1850-51. fol.

AB 851 e —— *Cassell, J.* The illustrated exhibitor, comprising sketches of the principal objects in the great exhibition. London, 1851. 8°. 600 pp.

Issued in weekly numbers.

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1851: London—continued.

AB 851 f1 — Official catalogue [with supplement]. London, 1851-52. 4 vols. 8°.

AB 851 f2 — The same. [Abstract by G. W. Yapp.] London. sm. 4to. 320 pp.

AB 851 f3 — The same. 4th ed. 15 Sept., 1851. London. sm. 4°. 895 pp.

AB 851 f5 — Handbook to the official catalogues. By R. Hunt. Vol. i. London. 12°. 480 pp.

AB 851 f7 — Companion to official catalogue. By R. Hunt. 5th ed. London. 12°. 96 pp.

AB 851 f8 — The same. 7th ed. London. 12°. 96 pp.

AB 851 h1 — *Stephenson, R.* The great exhibition: its palace, and its principal contents. London. sm. 8°. 224 pp.

AB 851 n — Prospectuses of exhibitors:

Contents.

Vol. 1. Raw materials.
" 2. Machinery.
" 3. Machines and tools.
" 4. Engineering and building.
" 5-7. Agricultural machines.
" 8. Philosophical instruments.
" 9. Musical instruments.
" 10. Surgical instruments.
" 11-12. Manufactures.
" 13-14. Hardware.
" 15. Manufactures.
" 16. Fine arts.

London. 16 vols. 8°.

AB 851 r — Reports i.-iii., v. of the commissioners. London, 1852-56. 3 vols. in two. 8°. AB 851 r1

AB 851 p — Reports by the juries. London, 1852. 8°. 987 pp.

AB 851 sh — *French Commission.* Travaux de la commission française. Paris, 1854-64. 13 vols. 8°.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1851: London—continued.

AB 851 t —— *Society of Arts.* Lectures on the results of the Great Exhibition of 1851. By W. Whewell and others. London, 1853. 2 vols. 8°.

—— *Yearbook of Facts.* Extra vol. Yearbook of facts in the Great Exhibition of 1851. sm. 8°. 350 pp. C 20: 827

AB 851 y* —— *Babbage, C.* The Exposition of 1851; or views of the industry, the science, and the government of England. London, 1851. 8°. 247 pp.

AB 851 y —— —— The same. 2nd ed. London, 1851. 8°. 305 pp.

—— *Felkin, W.* The exhibition of 1851 . . . its probable influence upon labour and commerce. People's ed. London, [1851]. 8°. 34 pp. (8,251)

AB 851 y —— *Helix*, pseud. [i.e., *W. B. Adams*]. The industrial exhibition. [Reprint.] London, 1851. 8°. 51 pp.

1853: New York.

AB 853 h/ —— *Goodrich, C. R.* Science and mechanism, illustrated by examples in the N.Y. Exhibition of 1853-54. New York. 4°. 266 pp. 6 pl.

1855: Paris.

AB 855 c —— Systême de classification. Paris. 8°. 78 pp.

AB 855 c —— System of classification as adopted by the Imperial Commission. From the French by A. Tolhausen. Paris. 8°.

AB 855 f —— Catalogue officiel. Paris. 8°. 526 pp.

AB 855 g —— *British Commission.* The English official guide to the exhibition. Ed. with historical introduction, by W. B. Jerrold. Paris. sm. 8°. 170 pp.

AB 855 h —— *Tresca, H. E.* Visite à l'exposition universelle. Paris. 16°. 803 pp.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS; UNIVERSAL INTERNATIONAL—*continued.*

1855: Paris—continued.

AB 855 r — Rapport présenté à l'Empereur. Paris, 1857. 8°. 515 pp. 2 plans.

AB 855 sa — *British Commission.* Reports to Parliament. London, 1856. 3 vols. 8°.

AB 855 sm — *Austrian Commission.* Bericht über die Allgemeine Agricultur- und Industrie-Ausstellung. Wien, 1857-58. 3 vols. 8°.

AB 855 yz* — *Cartwright, Mrs. R.* Critical notes and observations upon the exhibition. Brussels. 8°.

1860: Besançon; Exposition Universelle.

AB 860 r — Compte-Rendu. Par P. C. Joubert. Paris. sm. 8° 312 pp.

1862: London.

AB 862 a — Concise history of the exhibition. By J. Hollingshead. London. 8°. 191 pp. 3 pl.

AB 862 b — Space requisitions. [London.] fol.

AB 862 b/ — Collection of printed forms and documents used in carrying on the business of the exhibition. London, 1862-63. fol.

AB 862 c — Alphabetical and classified lists of the trades in the United Kingdom, etc. London, 1861. 8°. 82 pp.

AB 862 e — *Cassell, J.* "Illustrated Family Paper" Exhibitor. London. 4°. 286 pp.
Issued in weekly parts.

AB 862 f — The [official] illustrated catalogue of the industrial department. [London.] 4 vols. 8°.

AB 862 f1* — Official catalogue of the industrial department. 2nd ed. London. 8°. 448 pp.

AB 862 f2 — The same. 3rd ed. London. 8°. 448 pp.

AB 862 f5 — Handbook to the industrial department. By R. Hunt. London. 2 vols. 12°.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1862: London—continued.

AB 862 f7 —— Companion to the official catalogue. Synopsis of contents of exhibition. By R. Hunt. London. 12°. 96 pp.

AB 862 f8 —— Description sommaire. Synopsis de l'exposition. Par R. Hunt. London. 12°. 116 pp.

AB 862 h1 —— Plain guide to the International Exhibition. 1861. The wonders of the exhibition. showing how they may be seen at one visit. 2nd ed. London. sm. 8°. 64 pp.

AB 862 h2 —— *Macdermott, E.* Popular guide to the exhibition. London. 12°. 248 pp.

AB 862 p —— Reports of the juries. [Ed. J. F. Iselin. Published by the Society of Arts.] London, 1863. 8°. 36 pts. and general index.

AB 862 p2* —— Medals, etc., awarded by the international juries, with list of jurors and report, etc. [first ed.]. London. 8°. 485 pp.

AB 862 p3 —— The same. 2nd ed. London. 8°. 485 pp.

AB 862 p4 —— Jury directory. London. 8°. 120 pp.

AB 862 r —— Report of Royal Commission. London. 8°. 266 pp. 1 pl.

AB 862 t —— *Practical Mechanics Journal.* Record of the Great Exhibition. London. 4°. 613 pp. 21 pl.

—— *Yearbook of Facts.* Extra vol. The yearbook of facts in the exhibition. By J. Timbs. sm. 8°. 362 pp. 1 pl. C 20 : 827.

AB 862 vn —— *Italian Commission.* Relazione dei Regii Commissarii generali del Regno d'Italia. Londra. 8°. 30 pp.

AB 862 y —— Exhibition of 1861. Why it should be. What it should be. Where it should be. London, 1859. 8°. 12 pp.

1865: Oporto.

AB 865 f —— Catalogo official. Porto. 8°.

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

1867: Paris.

AB 867 b — Précis des operations et listes des collaborateurs. Paris, 1869. 8°. 676 pp. 1 pl.

AB 867 f — Complete official catalogue. English version. September edition. London and Paris. 8°. 1016 pp.

AB 867 h — *Gautier, H.* Les curiosités de l'exposition. Paris. 12°. 189 pp.

AB 867 p — Rapports du jury international. Paris, 1868. 13 vols. 8°.

AB 867 p1 — Catalogue des exposants récompensés par le jury international. Paris. 8°.

AB 867 sa — *British Commission.* Reports on the exhibition. London, 1868. 7 vols. 8°.

AB 867 sb — *U.S. Commission.* Reports. Washington, 1870. 6 vols. 8°.

Bibliography of the Exhibition, 39 pp. in vol. i.

AB 867 sk — *Prussian, etc., Jurors.* Berichte über die Ausstellung. Berlin, 1868. 8°. 624 pp.

AB 867 sm — *Austrian Commission.* Bericht über die Welt-Ausstellung. [Hrsg. von F. X. Neumann.] Wien, 1869. 7 vols. 8°.

AB 867 t — *Lacroix, E.* Études sur l'exposition. Série i.-viii. Paris [1867-6?]. 8 vols. 8° and 1 vol. of plates.

AB 867 t1 — *Paris: Excursion Committee of the London Working-men's Club.* Modern industries. Reports on industries and manufactures as represented at the exhibition. By twelve British Workmen. London, 1868. 8°. 124 pp.

AB 867 t2 — *Revue Universelle des Mines.* Tomes xxi. and xxii. bis. Revue de l'exposition. Paris. 2 vols. 8°.

AB 867 t3 — *Society of Arts.* Reports of artisans selected to visit the exhibition. London. 8°. 713 pp.

AB 867 t4 — *Rimmel, E.* Recollections of the Paris Exhibition of 1867. 3rd ed. London [1868]. 8°. 340 pp. Illus.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1868: Havre.

AB 868 —— Rapports du jury international et catalogue officiel des exponants recompensés. London. 8°. 650 pp.

1870. Workmen's International Exhibition: London.

AB 870 f —— Official catalogue. New ed. London. 8°. 88 pp.

1871-74: London.

AB 871 b/ —— [Collection of circulars, rules, regulations, forms, specimens, etc.] London, 1869-72. fol., etc.

AB 871 e —— The Key. A programme and record of the official notices, etc. 1871-74. London. 4 vols. 4°.

AB 871 f —— Official catalogue, 1871. 2nd ed. i. Fine arts dept.; ii. Industrial dept. London. 2 vols. sm. 8°.

AB 871 f3 —— Official guide, 1872. London. 8°. 62 pp.

AB 871 f4 —— Official catalogue, 1872. Under revision. i. Fine arts dept. ii. Industrial dept. London. 2 vols. sm. 8°.

AB 871 f7 —— Official catalogue, 1873. 2nd ed. London. sm. 8°. 297 pp.

AB 871 hz* —— *Larkins, W. G.* The exhibition of 1871. What it is, and how to see it. London. sm. 8°.

AB 871 n —— Prospectuses of exhibitors, 1874. London, etc. 8°.

AB 871 r —— Official reports, 1871, ed. by Lord Houghton. Parts i-x. London. 2 vols. sm. 4°.

AB 871 r5 —— *London Int. Exbn., 1851: Commissioners.* Special report on the annual international exhibitions of 1871-74. London, 1876. 8°. 257 pp.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1871-74: London—continued.

AB 871 sm — *Austrian Commission*, 1871. Specialberichte, nebst einem Exposé über die neuen Jahresausstellungen zu London im Allgemeinen über die Ausstellung des Jahres 1871 im besonderen. Wien, 1872. 8°. 207 pp.

AB 871 t — *Society of Arts.* Reports on the exhibitions of 1872 [and 1873]. London. 2 parts in one. 8°. 77 pp.

1873: Vienna.

AB 873 b/ — Official publications. Programmes, regulations, etc. Vienna. 4°.

AB 873 c — *British Commission.* Austrian tariff upon articles of British produce arranged in groups in accordance with the classification of objects contributed to the exhibition. London. sm. 4°. 256 pp.

AB 873 e/ — *Allgemeine Illustrirte Weltausstellungs-Zeitung.* Band i-v. Wien, 1872-73. 5 vols. in one. 4°.

AB 873 e/ — *Grothe, H.* Technische Mittheilungen von der Weltausstellung. Eine Revue. Berlin, 1874. 4°. 228 pp.

AB 873 f — Officieller General-Katalog. 2te Aufl. Wien. 8°. 1,038 pp.

AB 873 p — Amtliches Verzeichniss der Aussteller welchen Ehrenpreise zuerkannt worden sind. 2te Ausg. Wien. 4°. 576 pp.

AB 873 r — Officieller Ausstellungs.- Bericht. Wien. 1873-74. 85 parts in 5 vols.

AB 873 sa — *British Commission.* Reports on the exhibition. With appendices, technical papers on special subjects, etc. London, 1874. 4 vols. 8° and fol. vol. of plans.

AB 873 sb — *U. S. Commission.* Introduction to their reports. Washington, 1876. 8°.

AB 873 sb — —— Reports. Washington, 1876. 4 vols. 8°.

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1873: Vienna—continued.

AB 873 sk — *German Commission.* Amtlicher Bericht. Braunschweig, 1874-77. 3 vols. in four. 8°.

AB 873 t — *Society for the Promotion of Scientific Industry.* Artisans' reports. Manchester. 8°. 226 pp.

AB 873 t1 — *Hamburgische Landes-Commission.* Berichte. Hamburger Gewerbetreibender. Hamburg, 1875. sm. 8°. 471 pp. 7 pl.

AB 873 t2 — *Riga Delegation.* Bericht. Riga, 1874. 5 parts in one. 8°.

1876: Philadelphia.

AB 876 f — Official catalogue. Revised ed. Philadelphia. 8°.

AB 876 p — Reports and awards. [With] Index to the reports on awards of the board of judges. Philadelphia, 1877-78. 27 parts in 8 vols. 8°.
Set imperfect.

AB 876 sa — [*Privy Council*] *Education Department.* Reports. London, 1877-78. 3 vols. 8°.]

1878: Paris.

AB 878 e/ — *Illustrated Paris Universal Exhibition,* 1878. fol. 360 pp.
Issued weekly.

AB 878 p — Rapports du jury. Paris, 1881-83. 12 vols. 8°.

AB 878 sa — *British Commission.* Report. London. 2 vols. 8°.

AB 878 sb — *U. S. Commission.* [Reports. Washington. 5 vols. 8°.

AB 878 t/ — *Glücq,* —. L'album de l'exposition. Vues intérieures et extérieures tirées directement sur nature en photogravure mécanique. Paris. 1 vol. in 2 parts. 4°.

— *Grandes Usines.* Tome xii. [Livr. 221-240]. Exposition de 1878. 8°. 273 pp. C 43 : 860

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1878: Paris—continued.

AB 878 t — *Lacroix, E.* Études sur l'exposition. Paris, [187 ?-84]. 9 vols. text and 2 vols. atlas.

AB 878 t1 — *Society of Arts.* The Society of Arts' artizan reports. London, 1879. 8°. 673 pp.

AB 878 t2 — *Stormer, F.* Beretning om de for den norske industrie vigtigste maskiner ved udstillingen. Christiania, 1880. 8°. 56 pp. 8 pl.

AB 878 t3 — *Uhland, W. H.* Illustrirter Katalog der Pariser Weltausstellung. Theil i. Kunst-Industrie: ii. Maschinentechnik. Leipzig, 1880 [1878-80]. 2 vols. fol.

AB 878 x — Congrès internationaux. Comptes rendus. Paris, 1879-81. 11 vols. 8°.

AB 878 x1 — Conférences. Série i. Industrie, Chemins de fer. Travaux publics. Agriculture. ii. Arts. Sciences. iii. Enseignement. Sciences économiques. Hygiène. Paris, 1879. 3 vols. 8°.

1879: Sydney.

AB 879 p — Official awards. Sydney. 8°. 410 pp.

AB 879 r — Official record. Sydney, 1881. 8°. 1,360 pp. 2 pl.

1880: Melbourne.

AB 880 f — *Victorian Commission.* Official catalogue of exhibits, with introductory notices of countries exhibiting. 2nd ed. Melbourne. 2 vols. 8°.

1883: Amsterdam.

— *Grandes Usines.* Tome xv. [Livr. 288-298]. 176 pp. 8°. C 43 : 860

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1886: Sydney.

AB 886 f — Engineering Association of New South Wales Official catalogue of the scientific and mechanical exhibition. Sydney. 8°. 74 pp.

1887: Adelaide.

AB 887 sa — Report of the Royal Commission. London. 1888. 8°. 373 pp. 6 pl.

1889: Paris.

AB 889 e/ — Bulletin officiel de l'exposition. Année i-iv. Paris, 1886-89. 4 vols. in three. fol.

AB 889 p — Rapports du Jury international. Paris, 1890-96. 19 vols. 8°.

AB 889 r — Rapport général par A. Picard. Vol. i.-ix., pièces annexes. Paris, 1891. 10 vols. 8°.

AB 889 sb — *U.S. Commission.* Reports. Washington. 1890-91. 5 vols. 8°.

AB 889 t and AB 889 t/ — *Vigreux, C.* Revue technique de l'exposition. Paris, 1889-90. 14 vols. 8° and 4 vols. fol. atlas.

— *Causeries Scientifiques.* Année xxix. L'exposition universelle. 1890. sm. 8°. 710 pp. C 23 : 861

AB 889 t1 — *Mansion House Committee.* Reports of artizans. London. 8°. 708 pp.

AB 889 t2 — *Merveilles* de l'exposition. Histoire, construction, inauguration, description. Paris. 8°.

AB 889 t3/ — *Revue de l'Exposition Universelle de 1889.* Tome i.-ii. Paris. 2 vols. fol.

1890: Edinburgh.

AB 890 f — Official catalogue of the international exhibition of electrical engineering, inventions and industries. [Edinburgh.] sm. 8°. 192 pp.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1891-92: Tasmania.

AB 891 r —— Official record. Tasmania, 1893. 8°. 145 pp. 1 pl.

1893: Chicago.

AB 893 b —— *British Commission.* Handbook of regulations and general information. May, 1893. London. sm. 8°. 178 pp.

AB 893 f —— Official catalogue. Parts i.-xviii. sm. 8°.

AB 893 sf —— *New South Wales Commission.* Report. Sydney, 1894. 8°. 675 pp. 115 pl.

AB 893 sm —— *Austrian Central Committee.* Officieller Bericht. Wien, 1894-95. 9 parts in 4 vols. 8°.

Entered analytically under subjects.

AB 893 t and AB 893 t/ —— *Grille, C. J. A.,* and *Falconnet, H.* Revue technique de l'exposition. Paris, 1894-96. 10 vols. 8° and 10 vols. fol. atlas.

1894: Antwerp.

AB 894 t —— Technologie de l'exposition. Bruxelles, 1895. 8°. 368 pp.

1900: Paris.

AB 900 ba/ —— Collection of forms, etc. issued by the Royal Commission. [London, 1898-1900.] fol.

AB 900 p —— Rapports du jury international. Paris, 1902- . vols. 8°.* *In progress.*

AB 900 pl —— Direction générale de l'exploitation. Jury international. Paris. 8°. 452 pp.

AB 900 r —— Rapport général administratif et technique par A. Picard. Paris, 1902-03. 8 vols. 8° and case of maps.

AB 900 sa —— *British Commission.* Report. London, 1901. 2 vols. 8°.

---

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

AB 886 f -

AB 887 sa -

AB 889 e' -

AB 889 p

AB 889 r -

AB 889 sb

AB 889 t -
and
AB 889 t/

AB 889 t1 -

AB 889 t2 -

AB 889 t3/ -

AB 890 f -

* For a co
Catalogue. As
analysed -each r
of the Library.

ER-PRINTS. AP 82

91* *Henry, E. R.* Classification and uses of
2nd ed. London, 1901. 8°. 116 pp 8 p

91* *Home Office.* Memorandum on the w
finger print system of identification, 190
[1901-]1904. 8°. 11 pp.

05 *Henry, E. R.* Classification and uses of
3rd ed. London, 1905. 8°. 133 pp. 11

AND. AR 537

78* *Paris Univ. Exhibition*, 1878. Le Gra
Finlande. Notice statistique par K.
Trad. du Suédois par G. Biaudet. H
8°. 140 pp. 7 pl.

900* *Paris Univ. Exhibition: Finnish Comm.*
Finlande. Helsingfors, 1900. 8°.

In 13 sections with separate pagination.

(*Periodicals.*)

, etc. *Société des Sciences de Finlande.* Bidra
af Finlands Natur och Folk. Haftet
fors. 8°. B 40 : 886

NNISH AND GERMAN DICTIONARIES. AA

888 *Erwast, K.* Suomalais-Saksalainen
nisch — Deutsches Wörterbuch.
[Tawastebus], 1888. 8°. 805 pp.

shing methods of primitive races. *See* A
tive Industries (*Fishing methods*). AP 56

lorence, inventions. *See* Inventions : I
AB 64551

Forest of Dean. *See* Dean Forest. AR 4343

France, Bibliography. *See* Bibliograph
AG 50

*EXHIBITIONS: UNIVERSAL INTERNATIONAL—*continued.*

1900: Paris—continued.

AB 900 sb — *U. S. Commission.* Report. Washington, 1901. 6 vols. 8°

AB 900 sm — *K. K. Österr. General Commissariat.* Berichte. Wien. 12 vols. in four. fol.

AB 900 x — Congrès internationaux. Procès-verbaux sommaires. Paris, 1900–02. 4 vols. 8°.

AB 900 y — *Trouvé, G.* Exposition de 1900. Comment d'exposant enthousiaste on arrive à ne plus exposer. Paris. 8°. 48 pp.

1904: St. Louis.

AB 904 sa — *British Commission.* Report. London. 8°. 470 pp. 1 pl.

AB 904 sw — *Japanese Comm.* Report. [Vol. i. General.] (*In Japanese language.*) [Tokio.] 2 vols. 8°.

EXHIBITIONS, UNIVERSAL: LOCAL. AC 01

1889: Birmingham.

AC 01 f — Official catalogue of the electrical and industrial (international) exhibition. Bingley Hall, Birmingham. 8°. 170 pp.

FAROE ISLANDS. AR 495

*676*** *Debes, L. J.* A description of the islands and inhabitants of Foeroe. From the Danish by J. S. London, 1676. 12°. 430 pp. 2 pl.

Female inventors. *See* Women Inventors. AB 73

Fen district. *See* England (*Eastern Counties: Fen district*). AR 43263

FIJI ISLANDS.

*881** *Horne, J.* A year in Fiji; or, an inquiry into the botanical, agricultural, and economical resources of the Colony. London, 1881. 8°. 302 pp. Map.

* For a complete bibliography of an Exhibition *see* Author's Catalogue. As a rule collections of Exhibition reports have been analysed—each report being entered separately in the Subject-Catalogue of the Library.

FINGER-PRINTS. AP 82

*901** *Henry, E. R.* Classification and uses of finger prints. 2nd ed. London, 1901. 8°. 116 pp 8 pl.

*z 901** *Home Office.* Memorandum on the working of the finger print system of identification, 1901-04. London, [1901-]1904. 8°. 11 pp.

905 *Henry, E. R.* Classification and uses of finger prints. 3rd ed. London, 1905. 8°. 133 pp. 11 pl.

FINLAND. AR 537

*878** *Paris Univ. Exhibition,* 1878. Le Grand Duché de Finlande. Notice statistique par K. E. F. Ignatius. Trad. du Suédois par G. Biaudet. Helsingfors, 1878. 8°. 140 pp. 7 pl.

*900** *Paris Univ. Exhibition: Finnish Comm.* Notices sur la Finlande. Helsingfors, 1900. 8°.

In 13 sections with separate pagination.

(*Periodicals.*)

1886, etc. *Société des Sciences de Finlande.* Bidrag till Kännedom af Finlands Natur och Folk. Haftet 43, etc. Helsingfors. 8°. B40: 886

FINNISH AND GERMAN DICTIONARIES. AA 51

888 *Erwast, K.* Suomalais- Saksalainen Sanakirja. Finnisch—Deutsches Wörterbuch. Hämeenlinnassa [Tawastebus], 1888. 8°. 805 pp.

Fishing methods of primitive races. *See* Anthropology: Primitive Industries (*Fishing methods*). AP 56 is

Florence, inventions. *See* Inventions: Local (*Italy-Florence*). AB 64551

Forest of Dean. *See* Dean Forest. AR 43439

France, Bibliography. *See* Bibliography, National: France. AG 50

FRANCE: DESCRIPTION.

847* *Aicard, J., and others.* Patria. La France ancienne et moderne, morale et matérielle; ou, collection encyclopédique et statistique de tous les faits relatifs à . . . . la France et ses colonies. Paris, 1847. 2 vols. 8°.

FRANCE: INDUSTRIES. AR 391

819* *Chaptal, J. A. C. de. Chanteloup.* De l'industrie françoise. [i. Commerce françois en 1789. ii. Industrie agricole. iii. Industrie manufacturière. iv. Administration de l'industrie.] Paris. 2 vols. 8°.

829* *Chenou, J. C.* Rapport sur les produits de l'industrie qui ont figuré à l'exposition de Douai (1829). Douai, 1830. 8°. 144 pp.

834* *Moléon, J. G. V. de, and others.* Musée industriel. Description complète d' l'Exposition des produits de l'industrie Française faite en 1834. Paris, 1835-38. 4 vols. 8°.

z 841* *Puvis, M. A.* Coup d'œil sur les progrès des arts en France. Bourg, 1841. 8°. 43 pp.

844* *Exposition des Produits de l'Industrie Française.* Catalogue officiel. Paris, 1844. 12°. 282 pp. Plan.

844* —— Same. 2e éd. Paris, 1844. 12°. 330 pp. Plan.

849/* *Society of Arts.* A report on the 11th French exposition of the products of industry. By M. D. Wyatt. London, 1849. fol. 36 pp. Plan.

1860-99. *Grandes Usines de la France (Les).* Tableau de l'industrie Française au xixe Siècle, par [J.] Turgan. Paris 19 vols. 8°. C 43 : 860

Discontinued between 1890 and 1896. MS. index; Vol. 1-18.

862* *London International Exhibition: French Comm.* Section Française. Catalogue officiel. (1re Partie. Produits agricoles et industriels.) 2e Partie. Œuvres d'art. Paris, 1862. 8°. 3 pts. in 2 vols.

873 *Poiré, P.* La France industrielle; ou, description des industries françaises. Paris, 1873. 8°. 772 pp. 1 pl.

873 *Vienna Universal Exhibition: French Comm.* Produits industriels. 1re éd. Paris, 1873 8°. 817 pp. Plan.

897* *Brussels International Exhibition.* Section française. Livret souvenir du Comité xxxi. Commerce-Colonies. [Paris], 1897. 8°. 281 pp. Ill.

FRANCE, COLONIES: INDUSTRIES. AR 3905 1

862* *London International Exhibition: French Comm.* Catalogue des produits des Colonies Françaises. (Extrait.) Paris, 1862. 8°. 111 pp.

FRANCE, HISTORY: 1ST EMPIRE. AR 39 r5

769* *Napoleon I., Emperor of the French.* 1769-1821.
Life, by Baron Jomini. Trsl. H. W. Halleck. New York, 1864. 4 vols. 8° and 4° atlas.

837/* *Edwards, E.* The Napoleon medals. Engraved by the process of A. Collas, with historical and biographical notices. London, 1837. fol. 180 pp. 40 pl.

France, lives of inventors, etc. *See* Inventors and discoverers: Lives—Local (*France*). AB 744

FREIBERG. AR 47742

843* *Benseler, G. E.* Geschichte Freiberg und seines Bergbaues. Freiberg, 1843-46. 2 vols. 8°.

FRENCH AND ENGLISH DICTIONARIES. AA 11 ke

852 *Flemming, C.,* and *Tibbins, —.* Royal Dictionary, English-French and French-English. Paris, 1852. 2 vols. 4°.

862 *Elwes, A.* A dictionary of the French language. Part 1. French-English. Part 2. English-French. [1862.] 7th ed. London, 1883. 12°. 419 pp.

864 *Weller, E.* . . Dictionary: English and French and French and English. 3rd ed. London, 1864. 2 vols. in one. 8°.

865 *Smith, L., and others.* The international English and French Dictionary. [i.] New ed. by L. Smith and H. Hamilton. [ii. French-English by H. Hamilton and E. Legros.] Paris, 1865. 2 vols. 8°.

876 *Spiers, A.* Dictionnaire général Français-Anglais [et Anglais-Français]. 26e éd. Paris, 1876. 2 vols. 8°.

881 *Clifton, E. C.,* and *Grimaux, A.* Dictionnaire Anglais-Français et Français-Anglais. Paris, 1881. 2 vols. 8°.

884 *Contanseau, L.* A practical dictionary of the French and English languages. Followed by abridged vocabularies of geographical and mythological names. New ed. London, 1884. sm. 8°. 539 pp.

FRENCH AND GERMAN DICTIONARIES. AA 11 kg

883 *Sachs-Villatte.* Encyclopädisches französisch-deutsches und deutsch- französisches Wörterbuch. 5te Aufl. Berlin, 1883-85. 2 vols. 8°.

FRENCH AND JAPANESE DICTIONARIES. AA 11 kj

862 *Soutcovoy, G.* Vocabulaire Français-Japonais. [Paris, 1862.] 8°. 88 pp.

FRENCH AND LATIN DICTIONARIES. AA 11 kl

771/ *Dictionnaire* universel François et Latin, vulgairement appelé Dictionnaire de Trévoux. Nouv. éd. Paris, 1771. 8 vols. fol.

819 *Boiste, P. C. V.* Dictionnaire universel de la langue françoise avec le Latin et les étymologies. 5e éd. Paris, 1819. obl. 8°. 1,762 pp.

FRENCH AND PORTUGUESE DICTIONARIES. AA 11 kp

901 *Fernandez Valdez, J.* Nouveau dictionnaire Français-Portugais et Portugais-Français. 4e éd. Rio de Janeiro, [1901]. 2 vols. 8°.

French Bilingual Technical Dictionaries. *See* Technical Dictionaries: Bilingual. AA 97

French Dictionaries, Polyglot. *See* Polyglot Dictionaries AA 96; Technical Dictionaries, Polyglot. AA 98

FRENCH LANGUAGE: DICTIONARIES. AA 11

835 *Académie Française.* Dictionnaire, etc. 6e éd. [Pref. par A. F. Villemain.] Paris, [1835]. 2 vols. 4°.

859 *Landais, N.* Grand dictionnaire général et grammatical des dictionnaires français . . . renfermant un dictionnaire des rimes, des homonymes, des paronymes, des antonymes. 13e éd. [Avec Complément.] Paris, 1859. 2 vols. 4°.

863 *Littré, M. P. E.* Dictionnaire de la langue française [contenant la nomenclature, la grammaire, la signification, l'historique, l'étymologie]. Paris, 1863-69.

—— Supplément. Suivi d'un dictionnaire étymologique des mots d'origine orientale. Par M. Devic. 1877. Paris. 3 vols. in five. 4°.

878 *Académie Française.* Dictionnaire. 7e éd. Avec les préfaces des six éditions précédentes. Paris, 1878. 2 vols. 4°.

FRENCH LANGUAGE: DICTIONARIES (*Encyclopædic*). AA 11 a

857 *Bescherelle, L. N.* Dictionnaire national, ou dictionnaire universel de la langue française. 5e éd. Paris, 1857. 2 vols. 4°.

A dictionary of words, names, and places.

866 *Larousse, P.* Grand dictionnaire universel du xixe siècle français historique, géographique, mythologique, bibliographique, littéraire artistique, scientifique, etc. Tome 1-15. [Supplement 1-ii, 1877-87.] Paris, 1866-87. 17 vols. 4°.

884 *Trousset, De J.* Nouveau dictionnaire encyclopédique universel illustré. Paris, [1884-86]. 5 vols. 4°.

893 *Flammarion, C.* Dictionnaire encyclopédique, universel, contenant tous les mots de la langue française et resumant l'ensemble des connaissances humaines à la fin du xixe siecle. Paris, [1893-1902]. 8 vols. 8°.

FRENCH LANGUAGE: DICTIONARIES (*Technical terms*). AA 11 g

694/ *C.* Le dictionnaire des arts et des sciences. Par M. D. C. [*i.e.*, Th. Corneille] de l'Académie Françoise. Paris, 1694. 2 vols. fol.

A dictionary of French scientific and technical terms.

836 *Raymond, F.* Dictionnaire général des arts et des métiers. Paris, 1836. 18°. 652 pp.

837 *Jourdan, A. J. L.* Dictionnaire raisonné, étymologique synonymique et polyglotte des termes usités dans les sciences naturelles. Nouv. éd. Bruxelles, 1837. 8°. 662 pp.

860 *Hoefer, F.* Dictionnaire de chimie et de physique. 3e éd. (with sup't.). Paris, 1860. sm. 8°. 502 pp. Illus.

867 *Souviron, A.* Dictionnaire des termes techniques de la science, de l'industrie, etc. Paris, [1867]. 12°. 598 pp.

894 *Barbat, C.* Petit dictionnaire pratique de mécanique et d'électricité. Paris, 1894. 2 vols. in one. 1,230 pp. 12°.

906 *Graffigny, H. de.* Dictionnaire des termes techniques employés dans les sciences et dans l'industrie. Paris, 1906. sm. 8°. 849 pp.

French measures, etc. *See* Measures, weights and money. (*France, etc.*) AW 45.

GAELIC AND ENGLISH DICTIONARIES. AA 19

887 *Macleod, N.*, and *Dewar, D.* A dictionary of the Gaelic language in two parts. Edinburgh, 1887. 8°. 1,012 pp.

Games and Sports, literature, classification. *See* Book Classification: Games and sports AN 57 am

GAZETTEERS, GENERAL. AQ 30

850 *Gazetteer.* A gazetteer of the world. Illustrated with woodcuts, etc. Edinburgh, *A. Fullarton and Co.*, [1850-]1856. 7 vols. 8°.

854 *McCulloch, J. R.* A dictionary, geographical, statistical, and historical of countries, places and natural objects of the world. Illustrated with maps. New ed. With Supplement. London, 1854. 2 vols. 8°.

855* *Johnston, A. K.* A dictionary of geography, descriptive, physical, statistical, and historical. 2nd ed. London, 1855. 8°. 1,358 pp.

855 *Blackie, W. G.* The imperial gazetteer. With 700 illustrations. [Supplement.] London, 1855[-1872]. 2 vols. in three. 8°.

864* *Ritter, B.* Geographisch-statistisches Lexikon. 5te Aufl. von A. Stark. Leipzig, 1864-65. 2 vols. 8°.

868 *Beeton, S. O.* Dictionary of geography. Illustrated by maps, etc. London, [1868]. 8°. 904 pp.

877* *Johnston, A. K.* A general dictionary of geography. New ed. [by J. H. Lamprey]. London, 1877. 8°. 1,517 pp.

877 —— Same. New edition. [Reprint of 1877 edition.] London, 1882. 8°. 1,517 pp.

880 *Oliver and Boyd.* Pronouncing gazetteer . . . with etymological notices. Edinburgh, 1880. sm. 8°. 467 pp.

894 *Barbier, J. V.* Lexique géographique du monde entier. Publié sous la direction de E. Lavasseur, avec la collaboration de M. Anthoine. Tome I-II. [Fasc. I. A-Fl.] Paris, 1894[-1898]. 1 vol. and 1 pt. 8°.

895 *Longmans, —.* Gazetteer of the world. Ed. G. C. Chisholm. London, 1895. 8°. 1,800 pp.

895 *Ritter, B.* Geographisch-statistisches Lexikon, etc. 8te Aufl. von J. Penzler. Leipzig, 1895. 2 vols. 8°.

Gazetteers, local. *See under* place name.

Gems, engraved. *See* Engraved Gems. AO 50

GENEALOGY: UNITED KINGDOM. AE 83

849 *Burke, J.*, and *J. B.* A genealogical and heraldic dictionary of the landed gentry of Great Britain and Ireland. With Supplement. London, 1849. 3 vols. 8°.

859 *Lodge, E.* The genealogy of the existing British Peerage and Baronetage, containing the family histories of the nobility. New ed. London, 1859. 8°. 886 pp.

865 —— The Peerage and Baronetage of the British Empire. 34th ed. London, 1865. 8°. 891 pp.

898 *Debrett, J.* Peerage and titles of courtesy. Illustrated with 700 armorial bearings. London, 1898. 8°. 972 pp.

Appendix of Royal Warrant holders.

898 —— Baronetage, Knightage, and Companionage. Illustrated with 800 armorial bearings. London, 1898. 8°. 1,028 pp.

—— : —— (*Bibliography*). AE 83 d

*822*** *Moule, T.* Bibliotheca heraldica Magnæ Britanniæ. An analytical catalogue of books on genealogy, heraldry, nobility, etc., with a list of provincial visitations, etc. London, 1822. 8°. 691 pp. 1 pl.

Geneva—inventions. *See* Inventions, local (*Switzerland—Geneva*) AB 649442

Geography, Dictionaries. *See* Gazetteers, General. AQ 30

GERMAN AND ENGLISH DICTIONARIES. AA 35 ke

846 *Hilpert, J. L.* A dictionary of the English and German and the German and English languages. Leipzig, 1846. 2 vols. 4°.

854 *Lucas, N. I.* Englisch-deutsches und deutsch-englisches Wörterbuch. Bremen, 1854-68. 2 vols. in four. 8°.

GERMAN AND ENGLISH DICTIONARIES—*continued.*

871 *Hoppe, A.* Englisch-deutsches Supplement-Lexikon. Als Ergänzung . . . zu Lucas. Berlin, 1871. 8°. 492 pp.

871 *Flügel, J. G.* Complete dictionary of the German and English languages. With additions by C. A. Feiling, etc. London, [1871]. 2 vols. 8°.

891 —— Allgemeines englisch-deutsches und deutsch-englisches Wörterbuch. 4te Aufl. von F. Flügel. Braunschweig, etc., 1891-92. 2 vols. in three. 8°.

891 *Muret, E.* [Muret-Sanders] Encyclopädisches englisch-deutsches und deutsch-englisches Wörterbuch. Berlin, 1891[-1901]. 4 vols. 8°.

898. *Thieme-Preusser.* Wörterbuch der englischen und deutschen Sprache. Neue Aufl. von I. E. Wessely. Teil I. Englisch-Deutsch. ii. Deutsch-Englisch. Hamburg, 1898. 2 vols. in one. 8°.

German and French Dictionaries. *See* French and German Dictionaries. AA 11 kg

German and French Technical Dictionaries. *See* Technical Dictionaries, Bilingual (*French and German*). AA 97 fg

GERMAN AND ITALIAN DICTIONARIES. AA 35 ki

878 *Michaelis, H.* Dizionario completo italiano-tedesco e tedesco-italiano. Lipsia, 1879-82. 2 vols. 8°.
Parte 2 is of the 2nd ed.

GERMAN AND NORWEGIAN DICTIONARIES. AA 35 kn

880 *Hanson, P. T.* Tysk-Norsk Haand-Ordbog. Christiania. 1840. sq. 12°. 708 pp.

GERMAN AND ROUMANIAN DICTIONARIES. AA 35 kr

896 *Tiktin,* Rumänisch-Deutsches Wörterbuch. Bukarest, [1896, etc.]. 8°. *In progress.*

906 *Alexi, T.* Dicționar Romăno-German. 2a ed. [Rumänisch-Deutsches Wörterbuch. 2te Aufl.] Brașov (Kronstadt), 1906. sm. 8°. 516 pp.

erman Dictionaries, Polyglot. *See* Polyglot Dictionaries, aa 96
Technical Dictionaries, Polyglot, aa 98.

ERMAN LANGUAGE: DICTIONARIES. AA 35

854 *Grimm, J.* and *J. W.* Deutsches Wörterbuch. Leipzig. 1854, etc. A-Spr. 8°. *In progress.*

857 *Weigand, F. L. K.* Deutsches Wörterbuch. 3te Aufl von F. Schmitthenner's kurzem deutschen Wörterbuche. Giessen, 1857-71. 3 vols. 8°.

GERMAN LANGUAGE: DICTIONARIES (*Foreign terms*). AA 35 h

875 *Heyse, J. C. A.* Fremdwörterbuch. Neu bearbeitet von C. Böttger. 3te Aufl. Leipzig, 1875. 8°. 892 pp.

907 *Ver. deut.-Ingenieure.* Rechtschreibung der naturwissenschaftlichen und technischen Fremdwörter. Bearb. von H. Jansen. Berlin, 1907. 8°. 154 pp.

GERMAN LANGUAGE: DICTIONARIES (*Technical terms*). AA 35 g

722 *Curieuses* und Reales Natur- Kunst- Berg- Gewerck- und Handlungs Lexicon. [By P. J. Marperger, etc.] 4te Aufl. Nebst: Vorrede J. Hübners. [Leipzig], 1722. 8°. 2,080 col. 7 ll. 1 pl.

767 *Jablonsky, J. T.* Allgemeines Lexikon der Künste und Wissenschaften, etc. Neue Aufl. von J. J. Schwaben. Königsberg, 1767. 1 vol. in 2 pts. 4°. 1,868 pp. 25 ll. 1 pl.

864 *Kessels. H.* Technologische Terminologie. Prag, 1864. 8°. 223 pp.

GERMANY: ANTIQUITIES. AR 47 1

*752** *Stobæus, K.* Opuscula in quibus petrefactorum, numismatum et antiquitatum historia illustratur. Dantzig, 1752. sm. 4°. 348 pp. 17 pl.

Germany, Bibliography. *See* Bibliography, National: Germany.
AG 60

GERMANY: INDUSTRIES. AR 47 1

*851** *London International Exhibition: Zollverein and North German Comm.* Amtliches Verzeichniss, etc. Berlin, 1851. sm. 8°. 384 pp.

*862** *London International Exhibition: Zollverein Commission.* Special Catalog, etc. 2te Ausg. Berlin, 1862. 8°. 2 pts.

*862** —— Special Catalogue, etc. Berlin, 1862. 8°. 2 pts.

872 *Karmarsch, K.* Geschichte der Technologie seit der Mitte des achtzehnten Jahrhunderts (*Geschichte der Wissenschaften in Deutschland.* Neuere Zeit. Band xi.). München. 8°. 939 pp.

*893** *Chicago Exhibition: German Comm.* . . . Amtlicher Katalog der Ausstellung des deutschen Reiche. [Berlin], 1893. 266 pp. 1 plan.

900 *Paris International Exhibition: German Comm.* Official catalogue. Exhibition of the German Empire. [Berlin.] 1900. 4°. 424 pp. Plans.

904 *Saint Louis International Exhibition: German Comm.* Official catalogue of the German Empire. Berlin, 1904. 4°. 538 pp. Plans.

GERMANY, RHINE PROVINCES: INDUSTRIES. AR 4755 1

*846** *Banfield, T. C.* Industry of the Rhine. Series I. Agriculture, etc. Series II. Manufactures, etc. London, 1846-48. 12°. 2 pts. in one vol.

GLASTONBURY. AR 43454

*755** *Complete.* A compleat and authentick history of the Town and Abbey of Glastonbury. Added, the properties and uses of the mineral waters there. By a Physician. 2nd ed. London, *Printed for R. Goadby.* 8°. 104 pp.

Gold currency. *See* Precious Metals, Economics. AW 141

Gottingen inventions. *See* Inventions, Local (*Germany-Gottingen*). AB 643 g

Grammars. *See under* name of language. Aa 01-90 (*Div. n. Grammars*).

Great Britain, Gazetteers. *See* England: Gazetteers. AQ 31

GREECE: SOCIAL, INDUSTRIAL AND COMMERCIAL HISTORY AR 34 m

*846** *MacCullagh, W. T.* The industrial history of free nations, considered in relation to their domestic institutions and external policy. [Vol. i. The Greeks.] London. 1846. 8°. 354 pp.

GREEK AND ENGLISH DICTIONARIES. AA 06

855 *Hamilton, H. R.* An English-Greek [and Greek-English] Lexicon. (*Weale's Series.*) London, 1855. 12°. 566 pp.

Prefixed, H. C. Hamilton's Greek Grammar. (1854)

855 *Liddell, H. G.*, and *Scott, R.* A Greek-English Lexicon. 4th ed. Oxford, 1855. 4°. 1,630 pp.

880 *Contopoulos, N.* New and complete modern Greek and English dictionary. London, 1880-82. 2 vols. in one.

Greek and Roman, etc. *See* Classical, etc.

Greek Dictionaries (Polyglot). *See* Polyglot Dictionaries. AA 96

GREEK LANGUAGE: PHRASEOLOGY. AA 06 i

*536*** *Pollux, J.* Onomasticon . . . decem libris constans. Basle, 1536. sm. 4°. 8 ll., 2nd leaf wanting. 562 cols. (Index) 37 ll. + 1 l.

GUAM (*Bibliography*). AR 185 a

1901. *U.S. Congress (Library).* A list of books (with references to periodicals) on Samoa and Guam. Compiled under the direction of A. P. C. Griffin. Washington. 8°. 54 pp. AR 1772 a

GUIANA (FRENCH). AR 988

*856** *Saint-Amant, — de.* La Guyane Française, ses mines d'or et ses autres richesses. Paris. 8°. 199 pp. Map.

GUZERAT. AR 69729

*855** *Bulst, G.* Notes on a journey through part of Kattiawar and Goozerat in Jan., 1855. [Excerpt.] 1855. 8°.

HADDON HALL (DERBYSHIRE). AR 43347

836/* *Rayner, S.* The history and antiquities of Haddon Hall. [Supplement by H. Duesbury.] Derby, 1836-37. 4°. 38 pl.

HAMBURG. AR 4784

876* *Schmidt P.* Hamburg in naturhistorischer und medicinischer Beziehung. Hamburg, 1876. 8°. 322 pp. 14 pl.

Harpoons, Aboriginal. *See* Anthropology : Primitive industries (*Fishing methods*). AP 56 is

HARZ MOUNTAINS. AR 4791

730* *Behrens, G. H.* The natural history of the Hartz-Forest in H.M. King George's dominions. [From the German, by J. Andree.] London, 1730. 8°. 188 pp.

739* *Rohr, J. B. von.* Geographische und historische Merckwürdigkeiten des Ober- Hartzes. Leipzig, 1739. sm. 8°. 614 pp. Front.

762* *Zückert, J. F.* Die Naturgeschichte und Bergwercksverfassung des Oberharzes. Berlin, 1762. 8°. 316 pp.

763* —— Die Naturgeschichte einiger Provinzen des Unterharzes, etc. Berlin, 1763. 12°. 222 pp.

834* *Zimmermann, J. C.* Das Harzgebirge in bes. Beziehung auf Natur- und Gewerbskunde geschildert. Mit Kupfertafeln und einen Charte. Darmstadt, 1834. 2 vols. in one 8°.

HATFIELD CHASE. AR 43217

701* *State.* The state of that part of Yorkshire adjacent to the Level of Hatfield Chase. By a lover of his Country. York, *John White.* sm. 4°. 24 pp.

HEBREW AND ENGLISH DICTIONARIES. AA 44

745 *Hebrew.* An Hebrew lexicon. Prefixed, a supplement to the Hebrew grammar and the five letters in that language. London. 2 pts. 1745, 1744. 8°. 48 pp.

855 *Bresslau, M. H.* Hebrew and English Dictionary, Biblical and rabbinical. London, 1855. 12°. 674 pp.

856 —— English and Hebrew dictionary. London, 1856. 12°. 282 pp.

Hebrew Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96

HEBREW LANGUAGE: GRAMMAR. AA 44 n

1855. *Bresslau, M. H.* A compendious Hebrew grammar. London. 12°. 88 pp. 9 sheets of tables. AA 44 : 855

Hebrew weights and measures, etc. *See* Measures, Weights, etc.: Classical and ancient. AW 23

HEIDELBERG TUN. AR 47743

*816** *Graimberg, K. von.* Das Heidelberger Fass. Mannheim, 1816. 8°. 20 pp. 1 pl.

HERALDRY (*Bibliography*). AE 10

901 *South Kensington Museum.* National Art Library . . . Classed catalogue of printed books, Heraldry. London, 1901. 8°. 194 pp. 16 pl.

HERALDRY (*Dictionaries*). AE 14

775 *Clark, H.*, and *Wormull, T.* Introduction to heraldry. London, 1775. 8°. 47 pp. 10 pl.

828 *Berry, W.* Encyclopædia heraldica, or complete dictionary of heraldry. London, [1828]. 3 vols. 4°.
Vol. 4 (1840) absent.

1891. *Adeline, J.* Art dictionary . . . of terms used in art, . . . heraldry, etc. From the French. London. sm. 8°. 430 pp. (22,760)

HERALDRY (*General treatises*). AE 15

*572** *Bossewell, J.* Workes of armorie, devyded into three bookes, entituled, the concordes of armorie, the armorie of honor, and of coates and creastes. London, *R. Tottill*, 1572. sm. 4°. 169 ll.

*672** *Philipott, T.* A brief historical discourse of the original and growth of heraldry. London, 1672. 8°. 151 pp.

*682** *Gibbon, J.* Introductio ad Latinam blasoniam . . . describing the arms of all the kingdoms of Europe, etc. London, 1682. 8°. 182 pp.

*717** *Playne, A.* L'art héraldique. Nouv. éd. Paris, 1717. 8°. 330 pp. 37 pl.

HERALDRY (*General treatises*)—continued.

755 *Kent, S.* The British banner display'd: a complete system of heraldry . . . comprehending an accurate abridgment of the last edition of Guillim. London, 1755. 2 vols. 8°.

780] *Edmondson, J.* A complete body of heraldry: containing . . . Glover's ordinary of arms augmented and improved; an alphabet of arms, etc. London, 1780. 2 vols. fol. portr.

846 *Newton, W.* A display of heraldry. London, 1846. 8°. 442 pp. 1 pl.

854 *Pautet du Parois, J. F. J.* Manuel du blazon, ou code héraldique, etc. Nouv. éd. Paris, 1854. 18°. 346 pp. 12 pl.

HERALDRY: ARMS (*United Kingdom*). AE 30

894] *Davies, A. C. F.*, and *Crookes, M. E. B.* The book of public arms. A cyclopædia of the armorial bearings, heraldic devices, etc., of the counties, cities, towns, and universities of the United Kingdom. Edinburgh, 1894. 8°. 57 pp. 130 pl.

HERALDRY IN ARCHITECTURE. AE 22

713]* *Aquila, F.* Raccolta di vasi diversi . . . e di varie targhe soprapposte alle fabbriche piu insigni di Roma. Roma, 1713. fol. pp. 37–68.

837* *Donaldson, W. L.* On heraldry in connection with Gothic architecture. London, 1837. 8°. 29 pp.

Herculaneum, antiquities. *See* Pompei and district, etc. AR 3,568

HESSE (GRAND DUCHY). AR 4751

843* *Schäffer, F. A.* Kurze geographisch-historisch- statistische Beschreibung der Gross- Herzogthums Hessen. Mainz, 1843. 8°.

HESSE-NASSAU. AR 4798

863* *Nassauische Kunst- und Gewerbe- Ausstellung in Wiesbaden.* (1) Beiträge zur Statistik der Herzogthums Nassau; (2) Geschäftliches Adressbuch; (3) Katalog der Aussteller, etc. Bearbeitet von O Sartorius. Wiesbaden, 1863. 8°.

HINDUSTANI AND ENGLISH DICTIONARIES. AA 04

849 *Shakespear, J.* A dictionary, Hindustani-English and English-Hindustani. 4th ed. London, 1849. 4°. 2,428 pp.

862 *Thomason Civil Engineering College.* Papers. No. 3. Technical vocabulary, and dialogues. Part ii. Roorkee, 1862. 8°. 53 pp.

875 *Bate, J. D.* A dictionary of the Hindee language. Benares, 1875. 8°. 805 pp.

889 *Craven, T.* The popular dictionary English-Hindustani and Hindustani-English. New ed. Pts. 1 and 2. Lucknow, 1889. sm. 8°.

HISTORICAL SCIENCES (*Dictionaries*). AO 06

*720/** *Bayle, P.* Dictionnaire historique et critique. 3e éd. Rotterdam, 1720. 4 vols. fol.

*734/** *Bernard, J. P. and others.* A general dictionary, historical and critical, in which a new translation of that of . . Bayle with the corrections and observations printed in the late edition at Paris, is included. London, 1734–41. 10 vols. fol.

825 *Crabb, G.* Universal historical dictionary, or explanations of the names of persons or places in . . . history, mythology, heraldry, biography, geography and numismatics. Illustrated by portraits and medallic cuts. London, 1825. 2 vols. 4°.

852 *Ripley, G.*, and *Taylor, B.* Handbook of literature and the fine arts; comprising . . . definitions of all terms employed in belles-lettres, philosophy . . . painting, music, sculpture, architecture, etc. New York, 1852. 8°. 653 pp. 3 pl.

870 *Thomas, J.* Universal pronouncing dictionary of biography and mythology. Philadelphia, 1870–71. 2 vols. 8°.

876 *Dezobry, C.*, and *Bachelet, T.* Dictionnaire général de biographie et d'histoire, de mythologie, de géographie ancienne et moderne comparée, des antiquités et des institutions Grecques, Romaines, Françaises, etc. 7e éd. Paris, 1876. 2 vols. 8°.

894 *Smith, B. E.* The Century cyclopædia of names . . in geography, biography, mythology, etc. London, 1894. 4°. 1,092 pp.

HISTORICAL SCIENCES (*Collections*). AO 03

*727/** *Bayle, P.* Œuvres diverses: contenant tout ce que cet auteur a publié sur des matières de théologie, de philosophie, de critique, d'histoire et de littérature, excepté son Dictionnaire historique et critique. La Haye, 1727-31. 4 vols. fol.

HISTORICAL SCIENCES (*Miscellany*). AO 09

*500** *Harleian Miscellany.* [Collection, 16th-18th Cent.] London, 1803-13. 10 vols. 4°.

Contents with index. Sydney, 1885. 4°.

*684** *Winstanley, W.* Historical rarities and curious observations, domestic and foreign. London, 1684. 8°. 320 pp.

*824** *Cabinet* of curiosities; or wonders of the world displayed . . . extraordinary events, eccentric biography, etc. New series. London, *J. Limbird*, 1824-31. 2 vols. 8°. Ill.

863 *Chambers, R.* The book of days. A miscellany of popular antiquities in connection with the calendar. Edinburgh, 1863. 2 vols. 8°.

HISTORICAL SCIENCES (*Annuals*). AO 18

Statesman's Yearbook, statistical and historical annual. London. sm. 8°.

Latest volume only retained in dais.

HISTORICAL SCIENCES (*Almanacs and Calendars*). AO 19

*616*** *Hopton, A.* A concordancy of yeares, or computation of time according to the English account. London, 1616. 268 pp. sq. 8°.

*814** *Time's Telescope.* London, 1814-34. 21 vols.

Vol. 1, 1st ed. in reserve.
Vol. 1, 2nd ed. on shelf.

*828** *British Almanac* [*and Companion*]. London, 1828-1900. 75 vols.

Index to the "Companion," 1828-43.

Whitaker, J. An almanac. London. sm. 8°.

Latest volume only retained in dais.

HISTORY, UNIVERSAL (*General treatises*). AR 04.

*657/** *Heylin, P.* Cosmographie . . . containing the chorographie and historie of the whole world, etc. 2nd ed. London, 1657. fol. 1,128 pp. pl.

*836** *Cahen, S.* Manuel d'histoire universelle. Resumé des faits . . . des inventions, etc. Paris, 1836. 18°.

Hollanders, lives. *See* Netherlanders, Biography, National: Dutch. AD 434

Horn, working. *See* Plastic Compositions, etc. AB 38

HOUSES OF PARLIAMENT, WESTMINSTER. RA 4368 j p

*807/** *Smith, J. T.* Antiquities of Westminster; the Old Palace, St. Stephen's Chapel, etc. [With copies of MSS. illustrating the ancient history of the arts in England.] London, 1807. 4°. 291 pp., plates, some in colour, and additional plates.

*835** *Juvara, T.* Strictures on architectural monstrosities [on the rebuilding of the Houses of Parliament]. London, 1835. 8°. 13 pp.

*835** *Pugin, A. N. W.* A letter to A. W. Hakewill, Architect, in answer to his reflections on the style for rebuilding the Houses of Parliament. London, 1835. 8°. 14 pp.

*836** *Brayley, E. W.*, and *Britton, J.* The history of the ancient Palace and late Houses of Parliament at Westminster. London, 1836. 8°. 480 pp. 41 pl.

*836** *Hamilton, W. R.* Letter to the Earl of Elgin on the propriety of adopting the Greek style of architecture in the construction of the new Houses of Parliament. 2nd ed. London, 1836-37. 8°. 19 pp.

*836** —— Second letter to the Earl of Elgin on the same subject. London, 1836. 8°. 65 pp.

*836** —— Third letter to the Earl of Elgin on the same subject. London, 1837. 8°. 58 pp.

*836** *Smirke, S.* Remarks on the architectural history of Westminster Hall. [*Followed by* A further account of the original architecture of Westminster Hall.] From the "Archæologia." Vol. 26. London, 1836-37. 2 pts. 4°. 6 pl.

*837** *Jackson, J. R.* Observations on a letter from W. R. Hamilton to the Earl of Elgin, on the new Houses of Parliament. London, 1837. 8°. 46 pp.

*841/** *Parliament.* Report from the Select Committee on fine arts [the promotion of the fine arts in connexion with the rebuilding of the Houses of Parliament]. With appendix [on fresco painting. By C. Eastlake.] London, 1841. fol. 104 pp.

*842/** *Parliament.* Report 1[-13] of the Commissioners on the fine arts. With appendices. London, 1842-63. fol. 13 pts.

HOUSES OF PARLIAMENT, WESTMINSTER—*continued.*

1845. *Weale, J.* Iron roof of the new Houses of Parliament. 14 pp. 8 pl. *Weale, J.* Quarterly Papers on Engineering. Vol. 3. E 20: 844

846 * *Hunt, F. K.* The book of art. Cartoons, frescoes, sculpture, and decorative art as applied to the new Houses of Parliament . . , With an historical notice of the exhibitions in Westminster Hall. London, 1846. 4°. 197 pp.

*867** *Pugin, E. W.* Who was the art architect of the Houses of Parliament? Ramsgate, 1867. 8°. 137 pp. frontis.

*868** *Barry, A.* The architect of the new Palace at Westminster. A reply to Pugin. London, 1868. 8°. 125 pp. frontis.

*868** *Pugin, E. W.* Notes on the reply of A. Barry to Pugin. 2nd ed. London, 1868. 8°. 29 pp.

HUGUENOTS. **AD 503**

846 *Burn, J. S.* The history of the French, Walloon, Dutch, and other foreign protestant refugees settled in England, from the Reign of Henry VIII. to the revocation of the Edict of Nantes; with notices of their trade and commerce, etc. London, 1846. 8°. 292 pp.

889 *Smiles, S.* The Huguenots: their settlements, churches, and industries in England and Ireland. 6th ed. London, 1889. 8°. 474 pp. frontis.

pp. 359–447, Distinguished Huguenot refugees and their descendants.

Human institutions, ceremonies, history. *See* Inventions and Origins. AB 50–55

Human race, history, etc. *See* Anthropology. AP 30–99

HUNGARIAN AND ENGLISH DICTIONARIES. **AA 52**

878 *Bizonfy, F. de P.* English-Hungarian [and Hungarian English] dictionary. Budapest, 1878–81. 2 vols. 8°.

907 *Yolland, A. B.* A dictionary of the Hungarian and English languages. Part i. English-Hungarian Budapest, [1907], etc. vols. 8°. *In progress.*

ICONOLOGY. AO 36

758* *P. M. D.* [*i.e.*, *M. H. Lacombe de Prezel*]. Dictionnaire iconologique, ou introduction à la connoissance des peintures, sculptures, médailles, estampes, etc. Gotha, 1758. sm. 8°. 320 pp.

906 *Vinycomb, J.* Fictitious and symbolic creatures in art, with special reference to their use in British heraldry. London, 1906. 8°. 292 pp.

ICONOLOGY, MYTHOLOGICAL. AO 37

581** *Cartari, V.* Imagines Deorum, qui ab Antiquis colebantur: olim . . . Italica lingua expositæ, nunc vero . . . Latino sermone ab A. Verderio expressæ. Lyons, *B. Honoratus*, 1581. 4°. 387 pp.

626** —— Seconda novissima editione delle Imagini degli Dei delli Antichi da L. Pignoria, etc. Padova, *P. P. Tozzi*, 1626. 4°. 627 pp. 1 pl.

1722-24. *Montfaucon, B. de.* L'antiquité expliquée et representée en figures. [French and Latin.] 2e éd. Tome i.-v. [in 10 half volumes. Supplément. Tome 1-5]. Paris. 10 vols. in 15. fol. AO 34/*

Imitation substances. *See* Plastic Compositions, etc. AB 38

INDEXING AND PRECIS WRITING. AN 39

878** *Wheatley, H. B.* What is an index? A few notes on indexes and indexers. London, 1878. 8°. 96 pp.

INDIA. AR 69

676* *Tavernier, J. B.* Travels in India. From the French ed. of 1676, with a biographical sketch of the author, notes, appendices, etc., by V. Ball. London, 1889. 2 vols. 8°.

795* *Maurice, T.* The history of Hindostan; its arts, and its sciences [religion, mythology, astronomy, etc.] . . . with engravings. London, 1795-98. 2 vols. 4°.

814* *Heyne, B.* Tracts, historical and statistical, on India [its arts and manufactures]. Illustrated. London, 1814. 4°. 473 pp. 7 pl.

871* *Markham, C. R.* Memoir of the Indian surveys. London, 1871. 8°. 328 pp.

1907, etc. *India, Govt. of.* The Imperial Gazetteer of India. New ed. Oxford. vols. 8°. *In progress.* AQ 43 n

[Vols. i.-4. The Indian Empire; vol. 5, etc. General alphabet.

INDIA (*Bibliography*). AR 69 a (*See also* Bibliography, National: India. AG 81.)

*858** *Bulst, G.* Index to books and papers on the physical geography, antiquities and statistics of India. Bombay, 1852. 8°. 103 pp.

INDIA (*Periodicals*). AR 69 x

*833** *Madras Journal of Literature and Science.* 1833-78. Ed. G. Oppert. Madras, 1834-79. 23 vols. in 22.

Vol. 1 pub. as "Journal of Literature and Science." Discontinued, 1866-77.

India, Encyclopaedias. *See* Oriental Encyclopaedias. AR 69 c

INDIA: GAZETTEERS. AQ 43 n

854 *Thornton, E.* A gazetteer of the territories under the Government of the East India Company and of the Native States, etc. London, 1854. 4 vols. 8°.

870 *Grant, C.* The Gazetteer of the Central Provinces of India. 2nd ed. Nagpur, 1870. 8°. 689 pp.

Introduction. 107 pp.

881 *Hunter, W. W.* The Imperial gazetteer of India. London, 1881. 9 vols. 8°.

907 *India, Govt. of.* The Imperial gazetteer of India. New ed. Oxford, 1907, etc. vols. 8°. *In progress.*

INDIA: INDUSTRIES (*Dictionaries*). AR 69 lc

889 *Watt, G.* A dictionary of the economic products of India. [A-Z and Index.] Calcutta, 1889-96. 6 vols. in ten. 8°.

INDIA: INDUSTRIES (*General treatises*). AR 69 l

*766** *Stevens, R.* The complete guide to the East India trade, . . . containing tables . . . the marks on China gold and the tubs of tea, etc. London, 1766. fol. 165 pp.

*840** *Royle, J. F.* Essay on the productive [animal and vegetable] resources of India. London, 1840. 8°. 461 pp.

1851. —— The arts and manufactures of India. *Society of Arts.* Lectures on the results of the Exhibition of 1851. No. xi. 1852. 8°. pp. 441-538. AB 851 t

INDIA: INDUSTRIES (*General treatises*)—continued.

*853** *Madras, Govt. Central Museum.* Reports for 1853-55. By E. Balfour. [Appendix.] Madras, 1853-55. 8°.

*855f** *Madras Exhibition.* Catalogue raisonné . . . by H. P. Hawkes. In 30 sections. Madras, 1855. fol. unpaged.

*855** —— Official and descriptive catalogue (arranged in alphabetical order of contributing states). fol. unpaged.

*865** —— Reports by the Juries. Madras, 1855. 4°. 157 pp.

1857. *Connon, J.* A letter . . . on the application of British capital, etc. to the development of the resources of India. London. 8°. 16 pp. (14,365)

1857. *Hannay, S. F.* Notes on the productive capacities, arts and manufactures of the Shan countries north and east of Ava, etc. *Bengal, Govt. of.* Selections from the records, etc. No. 25. 8°. E 23 Be

*862** *London International Exhibition*, 1862: *Indian Commission.* A classified and descriptive catalogue of the Indian department. By J. F. Watson. London, 1862. 8°. 304 pp. 1 plan.

*862f** *London International Exhibition*, 1862. Official classified and descriptive catalogue of the contributions from India. Compiled by A. M. Dowleans. Calcutta, 1862. 4°. 5 parts.

868 *Powell, B. H. B.* Handbook of the economic products of the Punjab, with a combined index and glossary of technical vernacular words. Vol. i. Raw products; ii. Manufactures and arts. Lahore, 1868-72. 2 vols. 8°.

*873** *Vienna Universal Exhibition: Indian Dep't.* A classified and descriptive catalogue of the Indian department. By J. F. Watson. London, 1873. 8°. 254 pp.

880 *Hoey, W.* A monograph on trade and manufactures in Northern India. Lucknow, 1880. 4°. 218 pp.

880 *James, A. G. F. E.* Indian industries. London, 1880. 8°. 384 pp.

892 *Imperial Institute.* Indian Section. Handbooks of commercial products. Nos. 1-30. Calcutta, 1892-93. 8°.
Entered analytically under subjects.

Industries, local. *See under* name of locality.

Insects injurious to books. *See* Book Pests. AK 51

INVENTIONS AND DISCOVERIES: FORECASTS. AB 50

901 *Sutherland, G.* Twentieth century inventions. A forecast. London, 1901. 8°. 302 pp.

903 *Stanley, W. F.* The case of The Fox, being his prophecies under hypnotism of the period ending A.D. 1950. A political utopia. London, 1903. sm. 8°. 199 pp. 1 pl.

'Foreshadows many inventions.' Cf. Letter from author inserted.

INVENTIONS AND ORIGINS (*Bibliography*). AB 51

*882*** *Ferguson, J.* Bibliographical notes on histories of inventions and books of secrets. Part 1-6, 1882-88; Index, 1898. [Supplement Part 1-4, 1894-98. *In progress*]. Glasgow, 1882, etc. 4°.

*901*** —— J. Matthæus and his tract "De Rerum Inventoribus," [1901]. [Reprint.] Glasgow, 1902. 8°. 31 pp.

INVENTIONS AND ORIGINS (*General treatises*). AB 55

*499*** *Vergil, P.* Von den Erfindern der Ding. In acht Büchern. Durch M. T. Alpinum . . . ins Teutsch transferiert. Augsburg, *H. Stayner*, 1544. fol. 10 + 171 ll. *Woodcuts.*

Book 1-3 publ. in 1498-99; Book 4-8 in 1517. This is the 2nd Augsburg edition.

*499*** —— De rerum inventoribus, libri octo. Nova ed. Accesserunt C. Plinii, A. Sardi, etc., collectanea. Strasburg, *L. Zetzner*, 1606. sm. 8°. 714 pp.

*499*** —— Transl. J. Langley. With an account of the author and his works, by W. A. Hammond. (*Agathynian Club Reprint.*) New York, 1868. 8°. 275 pp.

A reprint of the London edition of 1663. An abridgment of books 1-9.

*599*** *Panciroli, G.* Rerum Memorabilium, jam olim deperditarum: et contrà recens atque ingeniose inventarum. Libri duo, Italicè primum conscripti. Nunc Latinitate donati, et notis . . . illustrati per H. Salmuth. [Liber i.] Amberg, 1599. sm. 8°. 799 pp.

*599*** —— The history of many memorable things lost, which were in use among the ancients: and an account of many excellent things found, now in use among the moderns, both natural and artificial. [Addenda; on Printing and of things newly found out.] London, 1715. 2 vols. in one. 12°.

NVENTIONS AND ORIGINS (*General treatises*)—continued.

*661*** *Humane* industry; or, a history of most manual arts. [By T. Powell.] London. 1661. 12°. 202 pp.

1661. —— Reprint. With memoir by author. *Philobiblion.* Vol. i. 1862. pp. 111, etc. AI 10***

1667. *Abercrombie, D.* Academia scientiarum [Appendix pointing at . . . the first inventors of any useful piece of knowledge. pp. 189-92.] London. 12°. (3,279)

1697. *Turner, W.* A compleat history of the most remarkable Providences . . . extracted from the best writers. Added, Whatever is curious in the works of nature and art. [Book 3, chap. ii. pp 20-25.] London. fol. BB 45/*

1712. [*Curzon, H.*] The universal or compleat summary of sciences . . . with curious secrets, experiments and curiosities. [Vol. 2, pp. 486-505 of inventions.] London. 2 vols. sm. 8°. AC 75*

*734*** *Titon du Tillet, E.* Essais sur les honneurs et sur les monuments accordés aux illustres Sçavans, pendant la suite des siècles. Ou l'on donne une légère idée de l'origine des sciences et des beaux arts. Paris, 1734. 12°. 492 pp.

*740*** *Noblot, C.* L'origine et les progrès des arts et des sciences. [With appendix on the invention of the alphabet, writing materials, libraries, and printing.] Paris, 1740. 12°. 442 pp.

761 *Goguet, A. Y.* The origin of laws, arts, and sciences, and their progress among the most ancient nations. [From the French, by — Dunn and R. Spearman.] Edinburgh, 1761. 3 vols. 8°.

766 *Dutens, L.* An inquiry into the origin of the discoveries [in philosophy, natural and applied sciences] attributed to the moderns. From the French [1766]. London, 1769. 8°. 499 pp.

766 —— Origine des découvertes attribuées aux modernes. 3e éd. London, 1796. 4°.

*777** *Bailly, J. S.* Lettres sur l'origine des sciences, et sur celle des peuples de l'Asie, adressées à M. de Voltaire, et précédées de quelques lettres de M. de Voltaire à l'auteur. Londres, 1777. 8°. 348 pp.

783 *Beckmann, J.* Beyträge zur Geschichte der Erfindungen. Leipzig, [1786-1805]. 5 vols. sm. 8°.
Band 1, Stuck 1-3 is of the 2nd ed.

783 —— A history of inventions and discoveries. Transl. W. Johnston. 3rd ed. London, 1817. 4 vols.

783 —— Same. 4th ed. by W. Francis and J. W. Griffith. London, 1846. 2 vols. 12°.

INVENTIONS AND ORIGINS (*General treatises*)—continued.

807 *Poppe, J. H. M.* Geschichte der Technologie seit der Wiederherstellung der Wissenschaften bis an das Ende der achtzehnten Jahrhunderts. Göttingen, 1807-11. 3 vols. 8°.

809 *Goguet, A. Y.* De l'origine des lois, des arts et des sciences, et de leur progrès chez les anciens peuples. Nouvelle éd. Paris, 1809. 3 vols. 8°.

820 *Williams, J. F. L.* An historical account of inventions and discoveries, etc. London, 1820. 2 vols. 8°.

828 *Amati, G.* Ricerche storico-critico-scientifiche sulle origini, scoperte, etc., fatti nelle lettere, nelle arti e nelle scienze, con alcuni tratti biografici. Milano, 1828-30. 5 vols. 8°.

Includes history of institutions, games, etc. The 5th vol. is devoted to the history of printing.

830 *Girault-Duvivier, C. P.* Encyclopédie de l'antiquité; ou origine, progrès, état de perfection des arts et des sciences chez les anciens. Paris, 1830. 4 vols. 8°.

830* *Pulleyn, W.* The etymological compendium; or portfolio of origins and inventions. 2nd ed. London. 12°. 371 pp.

848 *New.* A new history of inventions and origins. Dublin, *P. D. Hardy and Sons*, 1848. sm. 8°. 130 pp.

851 *Martin, S.* The useful arts: their birth and development. [By several writers.] London, 1851. 12°. 432 pp.

852 *Bast, L. A. de.* Merveilles du génie de l'homme, découvertes, inventions. Récits historiques, etc. Paris, [1852]. 8°. 447 pp.

853 *Pulleyn, W.* The etymological compendium; or, portfolio of origins and inventions, etc. 3rd ed., by M. A. Thoms. London, 1853. sm. 8°. 464 pp.

855 *Curiosités* des inventions et découvertes. Par une Société des Gens de lettres, etc. [Ed. M. L. Chrétien-Lalanne.] Paris, *Paulin and Le Chevalier*, 1855. 16°. 471 pp.

857 *Jobard, J. B. A. M.* Les nouvelles inventions aux Expositions universelles. Bruxelles, etc., 1857-58. 2 vols. 8°.

867 *Timbs, J.* Wonderful inventions: from the mariner's compass to the electric telegraph cable. London, [1867]. sm. 8°. 416 pp. 4 pl.

INVENTIONS AND ORIGINS (*General treatises*)—continued.

870 *Chaumette,—.* Découvertes et inventions les plus utiles depuis les temps les plus reculés jusqu à nos jours. 2e éd. Limoges, [1877?]. 8°. 304 pp. 2 pl.

872 *Birnbaum, C. and others.* Das neue Buch der Erfindungen und Industrien. 6te Aufl.

i. Geschichte der Erfindungen; Bildungsgang und Bildungs-Mittel der Menschheit.
ii. Die Kräfte der Natur und ihre Benutzung.
iii. Die Gewinnung der Rohstoffe.
iv. Die chemische Behandlung der Rohstoffe.
v. Die Chemie der täglichen Lebens.
vi. Die mechanische Behandlung der Rohstoffe.

Leipzig, 1872-74. 6 vols. 8°.

877 *Fournier, E.* Le vieux-neuf. Histoire ancienne des inventions et découvertes modernes. 2e éd. Paris, 1877. 3 vols. 12°.

880 *Hoppe, O.* Beiträge zur Geschichte der Erfindungen welche mit dem Harzer Bergbau in einem kausalen Zusammenhange stehen.

Lief. i. Wann, wo und von wen ist die bergmännische Schiessarbeit erfunden und verwollkommnet, und wie steht der Harzer Bergbau zu diesen Fragen? 1880. ii. Ist der Zettenbesatz beim Oberharzer Bergbau erfunden und zuerst eingeführt? 1881. iii. Das Zellenradgebläse mit Berücksicht. der verwandten Maschinen. [Das Zellenradgebläse eine Erfindung von Lüders zu Mägdesprung im Harz.] 1881. iv. Das Drahtseil. Seine Erfindung (1834) und Einführung, etc. Lebensskizze des Erfinders, Oberbergrat Albert (1787-1846). 1907.

Clausthal, etc., 1880-1907. 4 pts. 8°.

884 *Rochas, A. de.* Les origines de la science et ses premières applications. Paris, [1884], 8°. 288 pp. 5 pl.

892‖ *U. S. Dept. of the Interior.* The growth of industrial art. Arranged, etc., under the direction of the Hon. B. Butterworth. Washington, 1892. fol. 100 dbl. pl.

896 *Buch.* Das Buch der Erfindungen, Gewerbe und Industrien. 9te Aufl. Leipzig, 1896-1901. 10 vols. 8°.

z905/ *Feldhaus, F. M.* Alte Neuerfindungen. Aus "Die Gartenlaube" 1905. No. 45. pp. 848-850. Leipzig, [1905]. 4°. [With 'Scientific American Sup't. Feb. 17, 1906, containing translation.]

908 *Figuier, L.,* and *Nansouty, M. de.* Les merveilles de la science. [Nouv. éd.] Paris, [1908, etc.] 1. 8°. *In progress.*

INVENTIONS AND ORIGINS (*Chronologies and Charts*). AB 52

1764. Chronological series of remarkable inventions, etc relative to commerce. *Anderson, A.* An historical and chronological deduction of the origin of commerce etc. vol. i. pp. 1-10. AQ 18

872 *Cassell, J.* Chart of the progress of manufactures, trade, and agriculture. From Cassell's "New Popular Educator." London, 1872. Sheet.

891 *Jackson, L.* Ten centuries of European progress. London, 1891. 8°. 384 pp. 13 pl.

895 *Marmery, J. V.* Progress of science—its origin, course, promoters and results. London, 1895. 8°. 390 pp.

903 *Watt, J. C.* A calendar of invention and discovery [for the year 1904]. New York, 1903. sq. 8°. 386 ll. one side 'memoranda and diary.' 15 pl.

1904. *Beach, F. C.* [Chronology of invention.] 5 pp. *In his* Encyclopaedia Americana. Vol. 9. 4°. AC 23

904 *Darmstædter, L.*, and *Du Bois-Reymond, R.* 4,000 Jahre Pionier-Arbeit in den exakten Wissenschaften. [A chronology.] Stuttgart, 1904. 8°. 395 pp.

904 *Feldhaus, F. M.* Lexikon der Erfindungen und Entdeckungen a. d. G. der Naturwissenschaften und Technik in chronologischer Uebersicht. Mit Personen- und Sach-Register. Heidelberg, 1904. 8°. 152 pp.

INVENTIONS AND ORIGINS (*Dictionaries*). AB 54

603** *Bruno, V.* Teatro de gl' inventori di tutte le cose. Napoli, *per T. Longo*, 1603. 4°. 371 pp.

686** [*H., J.*] A pleasant and compendious history of the first inventers and instituters of the most famous arts, misteries, laws, customs, etc. Added, several curious inventions peculierly attributed to England, etc. London, 1686. 12°. 175 pp.

An abridgment and re-arrangement of Langley's Vergil with additions from Stow, etc. Preface subscribed J. H., *i.e.*, John Harris the publisher.

704** *Curieuse* Nachricht von Erfindungen und Erfindern der Wissenschaften, Künste und Handwercken. Hamburg, *R. Schüller*, 1704. 12°. 168 pp.

INVENTIONS AND ORIGINS (*Dictionaries*)—continued.

802 *Busch, G. C. B.* Handbuch der Erfindungen. 4te Aufl. Eisenach, 1802-22. 19 vols. in 12. 8°.

Includes geographical discovery, origins of institutions, etc. Full references given to authorities quoted.

827 *White, F. S.* A history of inventions and discoveries alphabetically arranged. London, 1827. 8°. 551 pp.

838 *Noël, F. and others.* Dictionnaire des inventions, des origines et des découvertes dans les arts, les sciences, la géographie, etc. Par MM. Noël, Carpentier et Puissant fils. 4e éd. Bruxelles, 1838. 8°. 562 pp.

851 *Leuchs, J. C.* Allgemeines Erfindungs-Lexikon. [A dictionary of inventions, discoveries and origins.] 2te Ausg. Nürnberg, [1851]. 2 vols. in one. 8°.

852 *Jouffroy d'Abbans, A. F. É de.* Dictionnaire des inventions et découvertes anciennes et modernes. Paris, 1852-53. 2 vols. 8°.

858 *Novelties,* inventions and curiosities in arts and manufactures [in dictionary order. By G. Dodd]. 5th ed. London, 1858. 12°. 273 pp.

864 *Maigne, W.* Dictionnaire classique des origines, inventions, et découvertes dans les arts, les sciences, et les lettres. 3me éd. avec Complément. Paris, [1864-188?]. 12°. 699 pp.

1st ed. 1864.

874 *Pimentel, A.* Diccionario de invenções, origens e descobertas, antigas e modernas, . . . com diversas noticias relativas a Portugal. [Vol. 1. A-Ext.] Lisboa, 1874. 8°. 523 pp.

875 *Ramée, D.* Histoire de l'origine des inventions, des découvertes et des institutions humaines. Paris, 1875. 8°. 540 pp.

881 *Poppe, A.* Alphabetisch-chronologische Uebersicht der Erfindungen, etc. a. d. G. der Physik, Chemie, Mechanik und industriellen Technik von den ältesten Zeiten, etc. 3te Aufl. Frankfurt a. M., 1881. 8°. 67 pp.

892 *Soulanges, E.* Inventions et découvertes, ou les curieuses origines. 16e éd. Tours, 1892. 8°. 158 pp.

In two alphabets.

[13th-17th Cent.] *Dircks, H.* Inventors and inventions. Part 3. [pp. 183-256.] Early inventors' inventories of secret inventions. London, 1867. 8°. AB 50

*300/** *Wilars de Honecourt.* [13th Cent.] Facsimile of his sketchbook: with commentaries and descriptions by J. B A. Lassus and J. Quicherat. Transl. and ed. R. Willis. London, 1859. 4°.

[1452-1519.] *Vinci, L. da.*

Grothe, H. L. da Vinci als Ingenieur und Philosph. 1874. 4°. 94 pp. 1 pl. AD 62

Heaton, Mrs. C. W. L. da Vinci. [With] an essay on his scientific and literary works by C. C. Black. [pp. 115-80.] 1874. AD 62**

*578** *Bourne, W.* Inventions or devises. Very necessary for all generalles and captaines, or leaders of men. as wel by sea as by land. London, *T. Woodcock*, [1578]. 4°. 12 ll. + 99 pp.

*579** *Isaachi, G. B.* Inventioni di G. B. Isaachi da Reggio . . . utili . . . a persone di guerra e per i tempi di piacere. Parma, *Seth Viotto*, 1579. sm. 4°. 166 pp.

*590** *Lucar, C.* A treatise named Lucarsolace, divided into fower bookes, in part collected out of diverse authors, in part devised by C. L. London, *R. Field for J. Harrison*, 1590. 4°. 171 pp. 3 fold. pl.

Book 4 contains illustrations of fire engine, ventilated chimney, and water-raising device.

*594** *Platt, Sir H.* The jewell house of art and nature, conteining divers rare and profitable inventions, together with sundry new experimentes in the art of husbandry, distillation, and moulding. London, *P. Short*, 1594. 4°. 232 pp. 1 fold. pl.

*594** —— Same. Added a discourse of minerals, stones, gums and resins. By D. B. London, *B. Alsop*, 1653. sm. 4°. 238 pp.

[1627.] *Masson, D.* Life of Drummond of Hawthornden. London, 1873. 8°. AD 62*

See Account of his Scotch patent, dated 24/12/1637, on pp. 156-62.

*635** *Bate, J.* The mysteries of nature and art, in foure severall parts. The first of Waterworks; the second of Fireworks; the third of Drawing, washing, limming, painting, and engraving; the fourth of sundry experiments. 2nd ed. London, *R. Mabb*, 1635. 4°. 315 pp.

The pyrotechnic section is derived largely from Appier's de Hanzelet's Pyrotechnie. 1630. (30,050)

1655. [*Worcester, Edward Somerset, Marquis of.* A century of the names and scantlings of such inventions as at present I can call to mind to have tried, etc. London, 1663. 12°.]

(*Separate Reprints.*)

*655*** London, *T. Payne*, 1746.

*655*** Glasgow, *R. A. Foulis*, 1767.

*655*** London, *J. Adlard*, 1813.

(*Reprints in—*)

Harleian Miscellany, 1744. Vol. 4. p. 515. AO 09:500*

Smith, J. The mechanic. Vol. 2. pp. 403-420. Liverpool, [1818]. 8°. AB 56:816

(*Reprints with Commentaries, etc.*)

*655*** *Buddle, John.* The Marquis of Worcester's Century of Inventions. Added . . . an historical account of the fire engine for raising water. Newcastle, 1813. 8°. 53 pp.

*655*** —— Same. From the "Mechanics Magazine," vol. 3. Nos. 58 and 59. 1824-25. 8°.

[With annotations and conjectural sketches of the proposed steam engine.]

*655*** *Partington, C. F.* The Century of Inventions, etc. From the original MS. with historical and explanatory notes and a biographical memoir. London, 1825. 12°.

1865. *Dircks, H.* The life, etc. of the second Marquis of Worcester. Added, a reprint of the Century of Inventions, 1663, with a commentary. London. 8°. large paper copy. AD 62

The best edition. A bibliography of the editions of the "Century" on pp. 374-5.

INVENTIONS: COLLECTIONS—*continued.*

1691. *Hale, T.* An account of several new inventions and improvements now necessary for England [relating to English shipping, planting of oak, taxation, river conservancy, survey of Thames, milled lead sheathing, etc.]. London. 12°. 2 pts. (3,296)

692* *Hautefeuille, J. de.* Recueil des ouvrages contenant plusieurs découvertes et inventions nouvelles dans la physique et dans les mécaniques. [22 tracts.] Paris, 1692-1718. 4°.

1730. *Allen, J.* Specimina ichnographica: or brief narrative of new inventions and experiments, particularly the navigating a ship in a calm, the improvement of the engine to raise water by fire, a new method of drying malt, etc. *Patent Office.* Supplement to series of letters patent, etc. Vol. i. pp. 129-46. 8°. (2,993)

Inventions, which were the subject of letters patent No. 513 of 1729 include water jet, air engine and gunpowder explosion systems of ship propulsion, patent log, etc.

1735-77. *Académie des Sciences, Paris.* Machines et inventions approuvées par l'Académie, etc. Paris. 7 vols. 4°. B 28: 666 b

1758. *Hales, S.* Treatise on ventilators, and other useful improvements [in fire-prevention, meteorology, distilling seawater, etc.] London. 2 vols. in one. 8°. (478)

801** *Bérard, J. B.* Mélanges physico-mathématiques, ou recueil de mémoires contenant la description de plusieurs machines et instruments nouveaux de physique, etc. [Photophore ou porte-lumière; poêle économique; serrure à consigne; moulin-rape; manomètre; échelle steganographique; mathématiques palpables; mètre de poche; nocturlabe; topographie; navigation aérienne.] Paris, 1801. 8°. 232 pp. 4 pl.

*t 804** *Merlin, J.* [Sale] catalogue of the . . . [Merlin] Museum, No. 11, Princes Street, Hanover Square. Auctioneer, — Willock. 8°. 31 pp.

Includes mechanical musical instruments, furniture, etc.

810 *Society of Arts.* Papers on mechanics. [London, 1810-43.] 4 vols. 8°.

A selection of papers on mechanical subjects from the "Transactions, etc."

814* —— A catalogue of the machines, models, etc. in the repository of the society. London, 1814. 8°. 24 pp.

816 *Smith, J.* The mechanic, or compendium of practical inventions, selected and original, arranged under i. Manufactures, etc.; ii. Philosophical apparatus; iii. Rural and domestic economy, etc. Liverpool, [1816-1818?]. 2 vols. 8°.

INVENTIONS: COLLECTIONS—*continued.*

*821** *Martin, W.* A new system of natural philosophy . . . with a variety of other useful discoveries [life-saving jacket, conveying coals, ventilating coal-pits, safety lamp, preventing dry rot, raising wrecks, extinguishing fires in ships, cutting canals]. Newcastle, 1821. 8°. 140 pp.

*824** *Gompertz, L.* Moral inquiries, etc. Observations on . . . the tread mills. Added, some improvements in scapers, or substitutes for carriage wheels . . . and some other mechanical subjects. London, 1824. sm. 8°. 192 pp. 1 pl.

824 *White, J.* A new century of inventions: being designs and descriptions of one hundred machines relating to arts, manufactures, and domestic life. 2nd ed. Manchester, [1824?]. 4°. 484 pp. 50 pl.

Letter respecting life of the author inserted at end.

1829. *Martin, J.* [Plan i. Elastic ironship; ii. Ship propulsion; iii. Elastic chain cable; iv. Coast lights; v. Purifying air in coal mines; vi. London water supply; vii. Thames marshes drainage.] London. 4°. 19 pp. 9 pl. (5,679)

*832** *National Gallery of Practical Science: Adelaide Street, Strand.* Catalogues 1832-33-36. Editions 4? 5 and 14. London, 1832-36. 8°.

*834** *Museum of National Manufactures, etc. 28, Leicester Square, London.* Catalogue 1834. London, 1834. 4°. 40 pp.

Preface signed by C. Toplis, Director.

*z 839** *British Association.* Catalogue of the illustrations of manufactures, inventions, and models, etc., contained in the second exhibition of the British Association . . . Birmingham, 1839. [Birmingham, 1839]. 8°. 24 pp.

*839** *Gill, T.* Machinery, improved. Vol. i. London, 1839. 8°. 89 pp. 4 pl.

*843** *Royal Polytechnic Institution, London.* Catalogue. London, 1843. 8°. 88 pp. Front.

1847. *Bentham, Lady.* First introduction of steam engines into naval arsenals, etc. [pp. 18-24. List of Sir S. Bentham's principal inventions.] *Weale's* Quarterly Papers on Engineering. Vol. 6. E 20: 844

—— Same. Reprinted. London, 1847. 4°. 24 pp. (221)

*847/** —— Inventions of Sir S. Bentham [classified]. 1855. MS. fol. 35 ll.

INVENTIONS: COLLECTIONS—*continued.*

849* *British Association for the Advancement of Science.* Catalogue of the exhibition of manufactures and art at Birmingham, 1849. Birmingham, 1849. 8°. 101 pp.

850* *Gompertz, L.* Mechanical inventions, etc., on land and water locomotion, tooth machinery, etc. 2nd ed. with Appendix. London, [1850?]. 12°. 106 pp. 17 pl.

850* *Society of Arts.* A catalogue of the models in the museum of the Society of Arts. London, 1850. sm. 4°. 30 pp.

850* —— A catalogue of a collection of articles invented, patented, or registered since . . . 1849. [With annual continuation for] Dec., 1851; Dec., 1852; Nov., 1853.

(*Continued as*)

—— Catalogue of the 8th[-13th] Annual Exhibition of Inventions. London, 1850-61. 6 pts. 8°.

853* *King, D.* Observations . . . on Mr. L. W. Wright's patent inventions in steam machinery and processes for mercantile manufacturing and agricultural purposes. [Chiefly mechanical, but includes processes for straw paper, china grass, distillation, etc.] 2nd ed. London, 1853. 12°. 44 pp. 1 pl.

854* *Royal Panopticon of Science and Art, Leicester Square, London.* The illustrated handbook of the R. P. London, 1854. sq. 8°. 152 pp. Front.

855* *Conservatoire des Arts et Métiers, Paris.* Catalogue des collections. 2e éd. Paris, 1855. 8°.

856* *Bryant, W. J.* A drama and poems. Also inventions and suggestions (pp. 194-214). [1856-78.] London, 1879. sm. 8°.

The suggestions relate to the use of compressed air, traction on rapid streams, bow traction, ventilation, etc.

857* *Royal Polytechnic Institution, London.* Catalogue. New Series. Sept., 1857. London. 8°. 84 pp.

857* *Kingsley, J.* Invention: water, instead of coals, the impelling power, etc. London, 1857. 8°. 8 pp.

Prov. Specification No. 1,957 of 1857.

858* —— Invention: the steam engine and coals superseded. [Atmospheric railway.] [London], 1858. 8°. 4 pp.

INVENTIONS: COLLECTIONS—*continued.*

*859** *Conservatoire des Arts et Métiers, Paris.* Catalogue des collections. 3e éd. Paris, 1859. 8°. 330 pp.

*859** *Kingsley, J.* Invention; by means of which additional speed, without increase of fuel, may be imparted to vessels. Post Office improvements. London, 1859. 8°. 7 pp.
Model envelope inserted.

*859** *Patent Office.* Descriptive catalogue of the machines, models, etc., in the museum . . . at South Kensington. 3rd ed. London, 1859. 8°. 212 pp.

*859** *U.S. Patent Office.* An alphabetical list of patented models. Washington, 1859. 8°. 68 pp.

*860,** *Kingsley, J.* Cheap motive powers—light carriages, etc. London, 1860. 8°. 8 pp. fol.

*862/** —— London errors—Irish mistakes. (Mail steamer stations.) 3rd revise. London, 1862. fol.

*862/** —— Legislation. House of Commons, etc. [Suggested improvements in parliamentary procedure—stationery, etc.] London, [1862-63]. 8 pp. fol.

*863** *Foucault, L.* Notice sur les travaux de M. Léon Foucault. Paris, 1863. 4°. 39 pp.

*864** *Conservatoire des Arts et Métiers, Paris.* Catalogue des collections. 4e éd. Paris, 1864. 340 pp.

*z 876** *Thompson, L.* [Series of pamphlets. March and May, 1876.] Remarks on coal, etc. Remarks on the purification of water, etc. Newcastle-on-Tyne, 1876. 8°. 2 pts.

1879. *Brannon, P.* The air-boat for arcustatic air-travel, etc. [pp. 34-56. Appendices D and E. Abstract of Brannon inventions; inventions communicated to the author by the original inventors]. London. 8°. (18,707)

*885 *London. International Inventions Exhibition,* 1885. Official catalogue. London, 1885. 8°. 463 pp.

1885. *Pierret, V. A.* Horlogerie, outillage et mécanique. ["Mémoire de mes inventions."] Paris. 8°. 79 pp. (33,880)
Horological, metal working, and miscellaneous mechanical inventions.

INVENTIONS: COLLECTIONS—*continued.*

894 *South Kensington Museum.* Catalogue of machinery, models, etc., in the . . . South Kensington Museum, with descriptive and historical notes. London, 1894-97. 2 pts. 8°.

896 —— Catalogue of machinery, models, etc., in the . . . South Kensington Museum. 2nd ed. Part 1. London, 1896. 8°. 203 pp.

1900. *Trouvé, G.* Exposition Universelle de 1900, etc. Pieces justicatives, projets, etc. [List of his patents, 1865-1900. Descriptions of luminous fountains, electric gyroscopes, and flying machine.] Paris. 8°. 48 pp. AB 900 y

901 *South Kensington Museum.* Catalogue of the mechanical engineering collection in the Science Division of the Victoria and Albert Museum. With descriptive and historical notes. Part 1. 3rd ed. London, 1901. 8°. 298 pp. (36,713)

905 *Masham, S. C. Lister, Baron.* Lord Masham's inventions, written by himself. Bradford, 1905. 4°. 92 pp. 16 pl.

906 *Conservatoire National des Arts et Métiers.* Catalogue officiel des collections. Fasc. 1. Mécanique. 8e éd. Fasc. 2. Physique. Paris, 1905, etc. 8°.

907 *Munich: Deutsches Museum.* Führer durch die Sammlungen. [Von W. von Dyck.] Leipzig, 1907. obl. 4°. 158 pp.

907 *South Kensington Museum.* Catalogue of the mechanical engineering collection in the Science Division of the Victoria and Albert Museum. With descriptive and historical notes. Part 1. 4th ed., with Supplement containing illustrations. London, 1907. 8°. 420 pp. 12 pl.

INVENTIONS, CONTEMPORANEOUS. (*Descriptive treatises.*)

AB 58

846 *Vanauld, A.* La génie de l'industrie. Études, etc., sur les plus célèbres inventeurs et industriels, sur leurs découvertes, etc. Continué par A. Chailly. Ouvrage dédié à la jeunesse. Paris, [1846]. 8°. 304 pp. 12 tinted lithogr. pl.

846* *Handbook.* The handbook to the steam engine, including atmospheric railways, the electric printing telegraph, and screw propeller. London [*Knight & Sons*], 1846. 12°. 120 pp.

INVENTIONS, CONTEMPORANEOUS (*Descriptive treatises*)—cont.

855* *Figuier, G. L.* Exposition et histoire des principales découvertes scientifiques modernes. 4e éd. Paris, 1855-57. 4 vols. sm. 8°.

856 —— Les applications nouvelles de la science à l'industrie et aux arts en 1855. Paris, 1856. 392 pp.

867 —— Les merveilles de la science, ou description populaire des inventions modernes. Paris, [1867-69]. 4 vols. 8°.

An expansion of his earlier work (*855* supra.*)

—— —— Supplément. Les merveilles, etc., ou description des inventions scientifiques depuis 1870. Paris, [1889-90]. 2 vols. 8°.

874 *Besso, B.* Le grandi invenzioni e scoperte antiche e moderne nelle scienze, nell' industria e nelle arti. 7a ed. Milano, 1874. 12°. 574 pp.

874 *Maigne, P.* Histoire de l'industrie et exposition sommaire des progrès réalisés dans les principales branches du travail industriel. 2e éd. Paris, 1874. 12°. 629 pp.

875 *Figuier, G. L.* Les grandes inventions modernes dans les sciences, l'industrie et les arts. 4e éd. Paris, 1875. sm. 8°. 344 pp.

882 *Du Temple, L.* Transmissions de la pensée et de la voix. Organes de la vue, et de l'ouie, langage; papier, imprimerie, gravure, lithographie, photographie, électrométallurgie, télégraphie, téléphonie. Paris, [1882]. sm. 8°. 338 pp.

883 *Muyden, G. van,* and *Frauberger, H.* Die Erfindungen der neuesten Zeit. Zwanzig Jahre industrieller Fortschritte, etc. mit Rücksicht auf Patentwesen und Kunst-Industrie. Leipzig, 1883. 8°. 714 pp.

896 *Routledge, R.* Discoveries and inventions of the Nineteenth Century [classified]. 11th ed. London, 1896. 8°. 734 pp.

900 *Byrn, E. W.* The progress of invention in the Nineteenth Century. New York, 1900. 8°. 484 pp.

900 *Iles, G.* Flame, electricity and the camera. Man's progress from the first kindling of fire to the wireless telegraph and the photography of colour. London, 1900. 8°. 423 pp. 19 pl.

901 *Faideau, F.* La science curieuse et amusante. Paris, [1901]. 8°. 412 pp.

INVENTIONS, CONTEMPORANEOUS (*Descriptive treatises*)—cont.

903 *Doolittle, W. H.* Inventions in the [19th] century [classified]. Toronto, 1903. 8°. 525 pp.

903 *Wallace, A. R.* The wonderful century. The age of new ideas in science and invention. New ed. London, 1903. 8°. 539 pp.

903 *Williams, A.* The romance of modern invention. London, 1903. sm. 8°. 346 pp. 25 pl.

905 *Figuier, G. L.* Les grandes inventions modernes dans les sciences, l'industrie et les arts. 14e éd. Paris, 1905. 8°. 312 pp. 1 pl.

905 *Samter, H.* Das Reich der Erfindungen 86te Aufl. Berlin, 1905. 8°. 1,070 pp.

906 *Clairemont, J.* Das Buch der neuesten Erfindungen. 21te Aufl. Berlin, 1906. 8°. 672 pp. 10 pl.

906 *Iles, G.* Inventors at work. With chapters on discovery. New York, 1906. 8°. 525 pp. 24 pl.

INVENTIONS, LOCAL. AB 64-69

(*United Kingdom.*) AB 642

1846. [*Meikleham, R. S.*] Progress of machinery and manufacturers in Great Britain from the Saxon era to the reign of Queen Anne. Exhibited in a chronological list of Letters Patent, etc. *Weale, J.* Quarterly Papers on Engineering. Vol. 5. pp. 1-234. E 20; 844

846 —— The same. Another copy. London, 1846. 4°. 238 pp.

851 *Phillips, Sir T.* The industrial progress of England: a lecture. London, 1851. 12°. 52 pp.

905 *Prosser, R. B.* Some Wandsworth inventors. Excerpt. "Wandsworth Boro' News." [1905-06.] 8°. III.

893 z —— A list of Wiltshire patentees. (*Excerpta.*) [1893.] 8°. 17 pp.

(*Austria-Hungary.*) AB 6436

873 *Vienna Univ. Exhibition, 1873.* Beiträge zur Geschichte der Gewerbe und Erfindungen Oesterreichs von der Mitte des xviii. Jahrhunderts bis zur Gegenwart. Redigirt von W. F. Exner. 2te Reihe: Ingenieurwesen, wissenschaftliche und musikalische Instrumente. Wien, 1873. 8°. 279 pp.

INVENTIONS, LOCAL—*continued.*

(*Belgium.*) AB 6493

836 *Delepierre, O.* Aperçu historique et raisonné des découvertes inventions, innovations, et perfectionnemens, en Belgique dans les sciences, les arts, l'industrie, etc., depuis les Romains. Bruges, 1836. 8°. 186 pp.

In 6 sections. Industry, Agriculture, Fine Arts, Science, Literature, Typography.

(*France—Brittany.*) AB 64414

905 *Trévédy, J.* Inventions Bretonnes adoptées en France. [Extrait.] Saint-Brieuc, 1905. 8°. 38 pp.

i. Institutions civiles. ii. Institutions religieuses et de bienfaisance.

(*Germany—Gottingen.*) AB 643 g

907 *Behrendsen, A. W. O.* Zur Geschichte der Entwicklung der mechanischen Kunst. Neue Beiträge zur Geschichte der Mechaniker Göttingens im 18. und in der ersten Hälfte des 19. Jahrhunderts. [Appendix of foreign instrument makers, who had relations with the Gottingen University] [Sonderabdruck]. Berlin, 1907. 8°. 30 pp.

(*Italy.*) AB 645

844 *Rambelli, G.* Intorno invenzioni e scoperte Italiane. Lettere di G. R. a M. Ferri. Modena, 1844. 8°. 520 pp.

(*Italy—Florence.*) AB 64551

731 *Manni, D. M.* De Florentinis inventis commentarium. Ferrara, 1731. 4°. 123 pp.

(*Switzerland—Geneva.*) AB 649442

873 *Wartmann, E. F.* Notice historique sur les inventions et les perfectionnements faits à Genève dans le champ de l'industrie et dans celui de la médecine. Genève, 1873. 8°. 102 pp.

INVENTIONS, LOCAL—*continued.*

(*United States.*) AB 673

*z 884** *Barnard, C.* Curiosities of invention, a chapter of American industrial history. [Excerpt.] From "Magazine of American History," vol. 12, No. 4. 1884. 4°.

900 *Mowry, W. A.*, and *A. M.* American inventions and inventors. [A school history.] New York, [1900]. sq. 8°. 298 pp.

(*U.S.—Connecticut.*) AB 6746

801 *Shepard, J.* New Britain patents and patentees. Appendix: The origin of New Britain manufacturers, by F. T. Stanley. New Britain, Conn., 1901. 8°. 103 pp.

Inventions of savage races. *See* Anthropology: Primitive Industries. AP 50

INVENTORS AND DISCOVERERS: LIVES. AB 70

*[** *Woodcroft, B.* Lives of inventors. Collection of printed pamphlets, transcripts of documents, manuscripts, letters, engravings, cuttings, etc., relating to the lives of inventors, alphabetically arranged. fol.

For name index to this collection, *see* pp. 207–18.

*841** *Howe, H.* Memoirs of the most eminent American [and European] mechanics . . . with anecdotes, descriptions, etc., relating to the mechanic arts. New York, 1841. 8°. 482 pp. portrs.

841 —— Same. [Reprinted.] 1854. 8°.

845 *Valentin, F.* Les artisans célèbres. 3e éd. Tours, 1845. 18°. 300 pp. 3 pl.

848 *Foucaud, E.* The book of illustrious mechanics of Europe and America. From the French by J. Frost. Aberdeen, 1848. sm. 8°. 310 pp.

*859** *Smiles, S.* Self-help; with illustrations of character and conduct. London, 1859. 8°. 355 pp.

860 *Timbs, J.* Stories of inventors and discoverers. London, 1860. 8°. 344 pp.

864 *Great* inventors: the sources of their usefulness, etc. Illustrated. London, *Ward Lock, etc.* [1864?]. sm. 8°. 320 pp.

INVENTORS AND DISCOVERERS: LIVES—*continued.*

864 *With, E.* Les inventeurs et leurs inventions. [A dictionary of the lives of inventors.] Paris, 1864. 12°. 311 pp.

865 *Temple, R.* and *C.* Temple anecdotes. London, 1865. 2 vols. 12°.

869 *Smiles, S.* Self-help; with illustrations of character, conduct and perseverance. New ed. London, 1869. 8°. 433 pp.

872 *Fyfe, J. H.* Triumphs of invention and discovery in arts and science. [Lives of inventors grouped by industries.] London, 1872. sm. 8°. 312 pp.

887 *Hale, E. E.* Stories of inventions told by inventors, etc. London, *T. Nelson, etc.*, 1887. sm. 8°. 301 pp.

890 *Corgnac, E. de.* Les hommes utiles et les bienfaiteurs de l'humanité. Limoges, [1890]. 8°. 283 pp. 10 pl.

Biographies by various writers.

897 *Heroes* of invention and discovery . . . selected, etc. Edinburgh, *W. P. Nimmo, etc.*, 1897. sm. 8°. 220 pp.

906 *Goddard, D.* Eminent engineers. Brief biographies of thirty-two of the inventors and engineers who did most to further mechanical progress. New York, 1906. sm. 8°. 280 pp. Portraits and 1 pl.

INVENTORS AND DISCOVERERS: LIVES—LOCAL. AB 74-79

(*United Kingdom.*) AB 743

884 *Lewis, T. C.* Heroes of Science. Mechanicians. London, 1884. sm. 8°. 354 pp.

(*France.*) AB 744

884 *Ernouf, Baron.* Histoire de quatre inventeurs Français au dix-neuvième siècle. Sauvage, Heilmann, Thimonnier, Giffard. Paris, 1884. sm. 8°. 236 pp.

884 —— Les inventeurs du gaz et de la photographie. Lebon d'Humbersin, Nicéphore Niepce, Daguerre. 2e éd. Paris, 1884. sm. 8°. 198 pp.

887 —— Histoire de trois ouvriers Français. Richard Lenoir, Abraham-Louis Bréguet, Michel Brézin. 6e éd. Paris, 1887. sm. 8°. 263 pp.

888 —— Deux inventeurs célèbres. Philippe de Girard; Jacquard. Paris, 1888. sm. 8°. 226 pp.

INVENTORS AND DISCOVERERS: LIVES—LOCAL—*continued.*

(*Germany—Nuremberg.*) AB 7433

730]* *Doppelmayer, J. G.* Historische Nachricht von den Nürnburgischen Mathematicis und Künstlern. [Theil ii., Buch ii. Mechanicis.] Nürnberg, 1730. fol. pp. 281-314.

(*United States.*) AB 773

873 *Skirving, J.* Key to the engraving of men of progress—American inventors. Engraved on steel by J. Sartain . . . furnishing a brief outline of their lives and inventions. Philadelphia, *J. Skirving*, [1873?]. 8°. 24 pp.

INVENTORS AND DISCOVERERS: PORTRAITS. AB 71

855 *Patent Office.* Catalogue of the gallery of portraits of inventors, discoverers and introducers of useful arts [formed by B. Woodcroft]. Ed. 1-5. London, 1855-59. 5 pts. 8°.

Inventors, Women. *See* Women inventors. AB 73

IRELAND. AR 449

818** *Walford, T.* The scientific tourist through Ireland. By an Irish Gentleman. A sequel to 'The scientific tourist through England, etc.' London, *J. Booth*, 1818. 12°. Sigs. a-s.

904* *Ireland: Dep't. of Agriculture.* Irish industrial exhibition, World's Fair, Saint Louis, 1904. Handbook and Catalogue of Exhibits. Part 1-3. [n.p., 1905.] 8°. 166 pp.

Part 1. Departmental; 2. Industrial; 3. Historical.

Ireland: economic conditions. *See* Economic History, etc. (*Ireland*). AS 1449

IRELAND: GAZETTEERS. AQ 32

837 *Lewis, S.* A topographical dictionary of Ireland . . with historical and statistical descriptions; embellished with engravings of the arms of the cities, etc. London, 1837. 2 vols. 4°.

1739. *Madden, S.* A letter to the Dublin Society, on the improving their fund; and the manufactures, tillage, etc., in Ireland. Dublin. 8° (in fours). 56 pp. (30,519)

Printed on Irish made paper.

785* *Sheffield, Lord.* Observations on the manufactures, trade and present state of Ireland. Dublin, 1785. 8°. 411 pp. 4 pl.

798* *Wallace, T.* An essay on the manufactures of Ireland . . . and the best means of improving such manufactures. Dublin, 1798. 8°. 360 pp.

801* *Coote, Sir C.* General view of the agriculture and manufactures of the Kings County with observations . . . drawn up for . . . the Dublin Society. Dublin, 1801. 8°. 279 pp. 4 pl. Map.

802* *Fraser, R.* Gleanings in Ireland . . . its agriculture, mines and fisheries. [Appendix. Report of the Arigna Ironworks, May, 1800.] London, 1802. 8°. 95 pp. Map.

845 *Kane, Sir R.* The industrial resources of Ireland. 2nd ed. Dublin, 1845. 8°. 454 pp. 4 maps.

849* *Borrie, P.* Suggestions on the improvement of the agricultural and manufacturing productiveness of Ireland. London. 8°. 11 pp.

849* *Macadam, J.* On industrial, educational and scientific progress in the North of Ireland. An address, etc. Belfast, 1849. 8°. 24 pp.

853* *Maguire, J. F.* The industrial movement in Ireland as illustrated by the National Exhibition of 1852. Cork, 1853. 8°. 483 pp.

882* *Bevan, G. P.* The industrial resources of Ireland. (Statistics.) [Reprint.] 1882. 8°. 47 pp.

885/* *Parliament.* Irish Industries. Report from the Select Committee on industries (Ireland); with appendix. London. fol. 952 pp.

887* *Dennis, R.* Industrial Ireland. London, 1887. sm. 8°. 222 pp.

902 *Ireland. Dep't. of Agricultural and Technical Instruction.* Ireland, industrial and agricultural. [Revised ed.] [Edited by W. P. Coyne.] Dublin, etc., 1902. 8°. 541 pp. 90 pl. Maps.

IRISH AND ENGLISH DICTIONARIES. AA 20

900 *O'Reilly, E.* An Irish-English dictionary. With Supplement by J. O'Donovan. Dublin, [18 ?]. 4°. 725 pp.

904 *Dinneen, P. S.* An Irish-English dictionary. Dublin, 1904. sm. 8°. 819 pp.

ITALIAN AND ENGLISH DICTIONARIES. AA 10 k

854 *Davenport, J.*, and *Comelati, G.* A new dictionary of the Italian and English languages, based upon that of Baretti. London, 1854. 2 vols. 8°.

892 *Melzi, B.* New English-Italian and Italian-English dictionary. London, 1892. 2 vols. 8°.

894 *Millhouse, J.* New English and Italian pronouncing and explanatory dictionary. 7th ed. by F. Bracciforti. London, 1894; 1893. 2 vols. 8°.

Italian and German Dictionaries. *See* German and Italian Dictionaries. AA 35 ki

ITALIAN LANGUAGE: DICTIONARIES. AA 10

746 *Accademia della Crusca.* Vocabolario degli Accademici della Crusca. Impressione Napoletana secondo l'ultima di Firenze. Napoli, 1746-48. 6 vols. in five. fol.

746 *Tassoni, A.* Annotazioni sopra il vocabolario degli Accademici della Crusca. Venezia, 1698. fol. 6 ll. 286 pp.

828 *Marchi, M. A.* Dizionario tecnico-etimologico-filologico. [Appendice—Vita letteraria dell' Abate M. A. Marchi da F. Ambrosoli. Supplemento 1841.] Milano, 1828-41. 3 vols. 4°.

861 *Tommaseo, N.*, and *Bellini, B.* Dizionario della lingua italiana. Torino, etc., [1861-79]. 4 vols. in eight. n.d. 4°.

ITALIAN LANGUAGE: GRAMMAR. AA 10 n

854 *Elwes, A.* A grammar of the Italian language. London, 1854. 12°. 150 pp.

Italian Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96; Technical Dictionaries, Polyglot. AA 98

Italians, Lives. *See* Biography, National: Italian. AD 410

ITALY AND ADJACENT ISLANDS. AR 35

*790** *Salis von Marschlins, C. U. von.* Beiträge zur natürlichen und ökonomischen Kenntniss des Königreichs beider Sicilien. Zurich, 1790. 2 vols. in 1. 8°.

*820** *Castellan, A. L.* Letters on Italy; illustrated by engravings. London, 1820. 8°. 112 pp. 6 pl.

Italy, Bibliography. *See* Bibliography, National: Italy. AG 71

ITALY: INDUSTRIES. AR 35 1

*842** *Real Instituto d'incorraggiamento . . . di Napoli.* Rapporto . . . dal . . . F. Cantarelli [ii. Elenco di saggi de' prodotti della industria Napolitana, etc.] Napoli. 2 vols. in one. 4°.

*856** *Escourron-Milliago, A.* De l' Italie, agricole, industrielle et artistique à propos d' l'Exposition, etc. Paris, 1856. sm. 8°. 335 pp.

*858** *Turin Exhibition*, 1858. Catalogue . . . des objets envoyés à l'Exposition Nationale par les exposants de la Savoie. Turin, 1858. 8°. 143 pp.

*861/** *Florence: Esposizione Italiana*, 1861. Giornale, 1862. fol. 396 pp.

*862** *London International Exhibition*, 1862: *Italian Comm.* Official descriptive catalogue. London, 1862. 8°. 438 pp.

*862** —— Catalogue officiel descriptif. Paris, 1862. 8°. 522 pp.

*867** *Paris Universal Exhibition*, 1867: *Italian Comm.* L'Italie économique en 1867, avec un aperçu des industries italiennes. Florence, 1867. 8°. 597 pp.

Milan: Esposizione Industriale Italiana, 1881

*881** —— Relazioni dei Giurati. Milano, 1883-5. 14 vols. in five.

*881** —— Relazione generale. Ed. A. Terruggia. Milano, 1884. 8°. 717 pp. Plans.

*887** *Italy. Ministero di Agricoltura, etc.* Catalogue of Italian exporters [and description of Italian industries, etc.]. Rome, 1887. 8°. 194 pp.

ITHACA (N.Y.). AR 851711

883* *Kurtz, D. M.* Ithaca and its resources [scenery and manufactures]. Illustrated. Ithaca, N.Y., 1882. 8°. 122 pp.

JAMAICA. AR 974

886* *Colonial and Indian Exhibition: London*, 1886. Jamaica at the Colonial and Indian Exhibition, etc. 4th ed. [By C. W. Eves.] [London], 1886. 8°. 119 pp. pl. map.

887* *Liverpool. Roy. Jubilee Exhibition*, 1887. Jamaica at the Royal Jubilee Exhibition, etc By C. W. Eves. London, 1887. 8°. 91 pp. 3 pl. map.

1891, etc. *Jamaica, Govt. of.* Handbook of Jamaica. Compiled from official and other sources. By S. P. Musson and T. L. Roxburgh. Kingston. 8°.

893* *Chicago Exhibition*, 1893. *Jamaica Comm.* Jamaica at Chicago. An account descriptive of the Colony of Jamaica, with historical, etc., appendices. New York, 1893. 8°. 95 pp. 1 map.

895* *Institute of Jamaica.* Jamaica in 1895. A handbook for settlers, etc. Kingston, 1895. 8°. 77 pp. map.

JAMAICA: INDUSTRIES. AR 974 1

862* *London International Exhibition*, 1862. *Jamaica Commission.* Descriptive catalogue of articles exhibited by the Royal Society of Arts, Jamaica. [By E. Chitty.] London, 1862. 8°. 18 pp.

JAPAN. AR 67

856* *Perry, M. C.* Narrative of the Expedition of an American squadron to the China seas and Japan, 1852-54, under the command of M. C. Perry. [Vol. i.-ii. Papers on Japan and neighbouring isles by various writers; Vol. iii. on Zodiacal light by G. Jones.] Washington, 1856. 3 vols. 4°.

888 *Rein, J. J.* Japan: travels and researches undertaken at the cost of the Prussian Government. London, 1888. 8°. 554 pp. 20 pl. and 2 maps.

Japan, ethnology, etc. *See* Anthropology, Ethnological (*Japan.*) AP 4152

JAPAN: INDUSTRIES. AR 67 1

*845** *Netherlands: Colonial Ministry.* Tentoonstelling van Japansche Voortbrengselen en Voorwerpen van Nijverheid. [Door Jhr. van Siebold.] Leyden, 1845. 8°. 23 pp.

1. Dutch factories in Japan. 2. Japanese products.

*z 862** *Alcock, Sir R.* International Exhibition of 1862. Catalogue of works of industry and art sent from Japan. London, 1862. 8°. 12 pp.

1867. *Champion, ——.* Chine et Japon. *Lacroix, E.* Études sur l'Expos. de 1867. Vol. 5. 8°. pp. 282-306.

*873** *Vienna Universal Exhibition: Japanese Comm.* Catalog der kais. Japanischen Ausstellung. Wien, 1873. 8°. 151 pp.

1889. *Rein, J. J.* The industries of Japan. With an account of its agriculture, forestry, arts and commerce. From the German. London. 8°. 582 pp. 24 pl. 3 maps. AR 67

*898** *National Association of Manufacturers of the United States.* Commerce and industries of Japan. Report . . . by R. P. Porter. Philadelphia, 1898. 8°. 172 pp. map.

*904** *St. Louis International Exhibition, 1904: Japanese Comm.* The Exhibition of the Empire of Japan. Official catalogue. With supplement. [St. Louis, 1904.] 8°. 2 pts. 16 pl.

[1904.] *St. Louis International Exhibition, 1904: Japanese Comm.* [Vol. ii. Report on the Japanese section.] (*In Japanese language.*) [Tokio.] 2 vols. 8°. AB 904 sw

JAPANESE AND ENGLISH DICTIONARIES. AA 60

884 *Gring, D.* Eclectic Chinese-Japanese-English dictionary of 8,000 Chinese characters . . . as used in Japan. Yokohama, 1884. 8°. 817 pp.

886 *Hepburn, J. C. A.* Japanese-English and English-Japanese dictionary. 3rd ed. Tokyo, 1886. 8°. 995 pp.

Japanese and French Dictionaries. *See* French and Japanese Dictionaries. AA 11 k]

Japanese measures, etc. *See* Measures, weights and money (Japan). AW 51 j

JAVA. AR 6836

830* *Raffles, Str T. S.* The history of Java. 2nd ed. London, 1830. 2 vols. 8°.

834/* —— Antiquarian, architectural and landscape illustrations of the history of Java. London, 1844. 4°. 92 pl. map.

JERUSALEM. AR 617

747* *Bourguignon d'Anville, J. B.* Dissertation sur l'étendue de l'ancienne Jérusalem et de son Temple, etc. Paris, 1747. 8°. 86 pp. plan.

847* *Brunetti, —.* Description of the model of ancient Jerusalem. Edinburgh, 1847. 8°. 32 pp. plan.

JESUITS. AD 501

853. *Backer, A.,* and *A. de.* Bibliothèque des écrivains de la Compagnie de Jésus, ou notices bibliographiques (1) de tous les ouvrages publiés par les membres de la Compagnie de Jésus, depuis la fondation de l'ordre jusqu'à nos jours; (2) des apologies, des controverses religieuses, des critiques littéraires et scientifiques suscitées à leur sujet. Série 1-7. [All pubd.] Liége, 1853-61. 7 vols. 8°.

Série 4 is preceded by index of authors to série 1-4, and série 7 by index to série 5-7.

Jewish weights and measures. *See* Measures, weights and money: Classical and ancient. AW 23.

KARPATHIAN MOUNTAINS. AR 5647

830* *Sydow, A. von.* Bemerkungen auf einer Reise in 1827 durch die Beskiden über Krakau und Wieliczka nach den Central-Karpathen, etc. Mit einer Charte, etc. Berlin, 1830. 8°. 431 pp. Map.

Kertch, antiquities. *See* Crimea: Antiquities. AR 5463 i

KINDERGARTEN. BE 621

889* *Ronge, J.* and *B.* A practical guide to the English Kindergarten . . . being an exposition of Froebel's system of infant training, etc. 17th ed. London, 1889. 4° 80 pp. 70 pl.

KING'S LYNN: PARISH OF SOUTH LYNN—VICARAGE HOUSE. AR 43305 j

851* *Chadwick, J. N.* Memorials of the vicarage house and gardens in South Lynn . . . within the borough of King's Lynn. King's Lynn, 1851. 8°. 65 pp. 4 pl. (5856)

KULU (PUNJAB) AR 69257

873* *Calvert, J.* Vazeeri Rupi, the silver country of the Vazeers in Kulu; its beauties, antiquities and silver mines, Including a trip over the lower Himalayah range and glacier. London, 1873. 8°.

KUMAON (INDIA: N. W. P.). AR 69247

851* *India, N. W. P.* Official reports on the province of Kumaon, with a medical report on the mahamurrie in Gurhwal in 1849-50. Ed. J. H, Batten. Agra, 1851. 8°. 478 pp. Map.

pp. 356-408 on copper mines.

LANCASHIRE. AR 4323

868/* *Baines, E.* The history of the County Palatine and Duchy of Lancaster. New ed. by J. Harland. Completed by B. Herford. London, 1868-70. 2 vols. 4°.

897* *Bannermann, H. & Sons, Ltd.* Industrial Lancashire, some manufacturing towns and their surroundings. [By J. Mortimer.] Manchester, 1897. 8°. 164 pp. 30 pl.

LANGUAGES, TEACHING. BE 66

1843. *Beniowski, B.* The French testament vocabularized. London. 12°. 40 pp. 1 pl. BE 549 : 842*

[1843.] —— Polygrammaticon. French grammar phrenotyped. [London, 1843.] 12°. 36 pp. 4 pl. BE 549 : 842*

[1843.] —— A French vocabulary. [London.] 12°. 16 pp. 1 pl. BE 549 : 842*

LATIN AND ENGLISH DICTIONARIES. AA 08

703 *Littleton, A.* Latine dictionary: i. English-Latine; ii. Latine-classical; iii. Latine proper; iv. Latine-barbarous. 4th ed. with 2 maps. London, 1703. 4°. 4 parts unpaged.

787 *Young, W.* A new Latin-English [and English-Latin] dictionary. 7th ed. London, 1787. 8° in fours, unpaged. Sigs. A—6 P.

831/ *Forcellini, E.* Totius Latinitatis lexicon consilio et cura J. Facciolati. Secundum tertiam editionem, cujus curam gessit J. Furnaletto, correctum et auctum labore variorum. Editio in Germania prima. Schneeberg, 1831-35. 4 vols. in two. fol.

851 *Riddle, J. E.* Latin-English lexicon founded on the German-Latin dictionaries of Freund. 2nd ed. London, 1851. 4°. 1408 pp.

862 *Smith, W. A.* Latin-English dictionary, based upon the works of Forcellini and Freund. London, 1862. 8°. 1,225 pp.

865 *Andrews, E. A.* Latin-English Lexicon, founded on the larger Latin-German lexicon of Freund. With additions, etc. London, 1865. 8°. 1,688 pp.

890 *Lewis, C. T.* and *Short, C.* A Latin dictionary, founded upon Andrew's edition of Freund's] Latin dictionary, revised, etc. Oxford, 1890. 8°. 2,050 pp.

Latin Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96

Legerdemain. *See* Conjuring. AC 84-86.

Letters of scientific men *See* Correspondence, Scientific (*Collections*). AD 06

LEVITATION. BB 53

904* *Düsner, H.* Levitation und Flugproblem. Gotha, 1904. sm. 8°. 18 pp.

LIBRARY BUILDINGS AND APPLIANCES. AN 01

(*General Treatises.*)

*853** *Papworth, J. W.* and *W.* Museums, libraries, etc. London, 1853. 8°. 84 pp. 7 pl.

*885** *Cotgreave, A.* Cotgreave's library appliances. Richmond, 1885 ?]. sm. 8vo. 15 pp.

*890** *Greenhough, W. H.* On the ventilation, heating and lighting of free public libraries. [Paper read.] Reading, 1890. 16°. 16 pp. (16,869)

*891** *Library Bureau.* Handbook of library and office fittings, etc. Boston, Mass., 1891. 8°. 172 pp. (16,869)

*892** *Brown, J. D.* A handbook of library appliances: the technical equipment of libraries, etc. London, 1892. 8°. 64 pp.

1893. *Kortüm, A.,* and *Schmitt. E.* Bibliotheken. *Durm, J.* Handbuch der Architektur. Theil iv. Halb-Band 6. Heft 4. pp. 1-172. (22,285)

*897 *Burgoyne, F. J.* Library construction, architecture, fittings, and furniture. London. sm. 8°. 356 pp. (9,211)

1902. Bookshelves and books. By A. H. Wall and H. S. Ward. *Leland, C. G.* and *Ward, H. S.* Useful arts and handicrafts. Vol. iv. No. 42. sm. 4°. (26,922)

[1905.] *Kortüm, A.* Bibliotheken. *Durm, J.* Handbuch der Architektur. 2te Aufl. Theil, iv. Halbband 6. Heft 4. pp. 51-218. 1 pl. 8°. (28,712)

*907 *Champneys, A. L.* Public libraries. A treatise on their design, construction, and fittings. London, 1907. 8°. 196 pp.

[*Single Libraries*].

British Museum. AN 01 Bri

*858/ *Hosking, W.* Some observations upon the recent addition of a reading room to the British Museum. London, 1858. fol. 34 pp. 5 pl.

Radcliffe Library, Oxford. AN 01 Rad

*747 *Gibbs, J.* Bibliotheca Radcliviana: or a short description of the Radcliffe Library, at Oxford. London, 1747. fol. 12 pp. 23 pl.

U.S. Library of Congress. AN 01 U.S. Con.

*901 *Small, H.* Handbook of the new Library of Congress. Boston, 1901. 8°. 116 pp. 2 pl.

LIBRARY BULLETINS. AH 14

883** *Cornell University Library.* [Bulletin.] Vol. 1–3. 1882–86. Ithaca, N.Y.

Imperfect set.

890** *Boston Public Library.* Bulletin, 1890–95. Vol. 9–16 [later] Monthly bulletin. Vol. i. 1896, etc. Boston, Mass. 8°.

897** *New York Public Library.* Bulletin. 1897. Vol. i., etc. New York. 8°.

LIBRARY CATALOGUES. AH 12

864 *Manchester Free Library.* Catalogue of the books in the . . . Reference Department. By A. Crestadoro. London, 1864. 8°. 982 pp.

Author catalogue with Subject index. Numbering of entries follows the order of the alphabet.

—— Vol. 2, comprising the additions from 1864–79. Manchester, 1879 81. 3 vols. 8°.

Titles printed on one side of page only in the order of their accession numbers. [Vol. 3.] Index of names and subjects to the entire collection to end of 1879.

874 *Boston Athenæum* . . . Catalogue of the Library. 1807–71. Part 1-5. Boston, 1874–82. 5 vols. 8°.

881 *Brooklyn Library.* Analytical and classed catalogue. Authors, titles, subjects, and classes. [By S. B. Noyes.] Brooklyn, N.Y., 1881. 8°. 1,110 pp.

887 *London, Corporation of the City of.* Catalogue of the Library . . . arranged alphabetically under Authors, with an index of subjects [not published. Appendix; Addition to June 1889.] London, 1887–89. 2 vols. 8°.

899 *Rylands (John) Library.* Catalogue of the printed books and manuscripts in the John Rylands Library, Manchester. [Compiled by E. G. Duff.] Manchester, 1899. 3 vols. 4°.

Library Catalogues, National. *See* Bibliography, Universal. AH 05

Library Catalogues (specialized libraries). *See under* Subject Headings, subhead (*Bibliography*).

Library Cataloguing. *See* Book Cataloguing. AN 30–37

Library Classification. *See* Book Classification. AN 40, etc.

LIBRARY ECONOMICS. AK 69

*847** *Nécessité.* De la nécessité de créer des bibliothèques scientifiques-industrielles, etc. Paris, *L. Mathias,* 1847. 8°. 136 pp.

pp. 81-136 contains select classed catalogue of scientific works.

LIBRARY GUIDES. AK 81(1)—AM 07(1)

British Museum. AK 81 Bri 1

*857** *British Museum.* New reading room and libraries. London, 1857. 8°. 16 pp., plan.

*866** *Nichols, T.* A handbook for readers at the British Museum. London, 1866. 8°. 182 pp.

Imperial Library, St. Petersburg. AK 92 Imp 1

862/ *Minziaff, C. R.* Souvenir de la Bibliothèque Impériale de St. Pétersbourg contenant des gravures et autres feuilles volantes du XVe siècle, trouvées et publiées par C.R.M. Leipzig, 1862. 28 pp. 8 pl.

Boston Public Library. AL 95 Bos 1

*890** *Boston Public Library.* Handbook for readers. 9th ed. Boston, 1890. sm. 8°. 378 pp.

LIBRARY HISTORY (*General*). AK 70

*z 790** *Mémoire* pour la conservation des bibliothèques des communautés séculières et régulières de Paris. Paris, *Bailly,* 1790. 8°. 20 pp.

1814. *Horne, T. H.* An introduction to the study of bibliography. Prefixed a memoir on the public libraries of the antients. London, 1814. 2 vols. 8°. AK 36**

*845** *Laborde, L. E. S. J., Marquis de.* De l'organisation des bibliothèques dans Paris. [Lettres 1, 2, 4, 8.] Paris, 1845. 8°. 4 pts.

*858** *Guild, R. A.* The librarians manual. Part 2. Sketches of Public Libraries. Illustrated with engravings; pp. 115-287. New York, 1858. sm. 4°.

*859** *Edwards, E.* Memoirs of libraries, including a handbook of library economy. London, 1859. 2 vols. 8°.

*865** —— Libraries and founders of libraries. London, 1865. 8°. 522 pp. Tables.

*876** *U.S. Bureau of Education.* Public Libraries of the U.S. . . . their history, condition, and management. Special report. Washington, 1876. 2 vols. 8°.

Part 2 consists of Cutter's Rules for a printed dictionary catalogue.

LIBRARY HISTORY [Of single institutions]. AK 81 (2)-AM 07 (2)

British Museum. AK 81 Bri

857** *British Museum.* Statements and suggestions respecting want of space, etc. [By A. Panizzi.] Privately printed, [1857]. 8°. 32 pp. 8 plans.

Patent Office Library. AK 81 Pat 2

884** *Jensen, P.* The Patent Office Library. [Reprint.] London, 1884. 8°. 14 pp.

891** —— A few notes on the Patent Office Library. [Reprint.] London, 1891. 8°. 10 pp.

898 *Hulme, E. W.* English patent law: its history, literature and library. (Reprint.) London. 8°. 14 pp.

U.S. Congress Library. AL 78 Con

900** *United States Congress (Library).* Report of the Librarian of Congress, 1900, etc. Washington, 1901, etc. 8°.

U.S. Congress Library. AL 78 Con 2

904** *U.S. Congress: Library.* History of the Library of Congress. By W. D. Johnston. Washington. 1901, etc. 8°. *In progress.*
Vol. i. 1800-1864.

New York State Library. AM 07 State

893** *New York State Library.* Annual Report [and State Library Bulletins]. No. 77, etc. Albany, 1897, etc. 8°.
Chief contents: Summary of legislation; Colonial Records; Addition to Libraries; Special Bibliographies.

LIBRARY INDICATORS. AN 11

870** *Elliot, J.* A practical explanation of the . . . method of issuing library books. By J. E., inventor of the system. Wolverhampton, 1870. sm. 4°. 12 pp. 2 pl. Covers.

885** *Cotgreave, A.* Library indicators *versus* book-keeping, and notes on Cotgreave's Library Indicator, etc. London, 1885. 8°. 23 pp.

LIBRARY MANAGEMENT (*General treatises*). AK 65

*841*** *Constantin, L. A., pseud.*, [i.e., *L. A. C. Hesse*]. Bibliothéconomie, ou nouveau manuel complet pour l'arrangement, la conservation et l'administration des bibliothèques. Nouv. éd. Paris, 1841. 18°. 266 pp. 2 pl.

*856*** *Petzholdt, J.* Katechismus der Bibliothekenlehre. Leipzig, 1856. 12°. 227 pp. 2 diagr.

*856*** *Shurtleff, N. B.* A decimal system for the arrangement and administration of libraries. Boston, 1856. 4°. 80 pp.

*869*** *Mullins, J. D.* Free libraries and newsrooms. London, 1869. sm. 8°. 45 pp. 1 pl.

*902*** *Graesel, A.* Handbuch der Bibliothekslehre. 2te Aufl. der "Grundzüge der Bibliothekslehre. Neubearbeitung von Dr. J. Petzholdt's Katechismus der Bibliothekslehre. Leipzig, 1902. 8°. 594 pp. 22 pl.

*903*** *Brown, J. D.* Manual of [Public] library economy. London, 1903. 8°. 487 pp.

LIBRARY MANAGEMENT (*Periodicals*). AK 67

*876*** *Library Journal.* Vol. 1-6. 1876-81. New York. A 52: 876

Library Reports. *See* Library History. AK 71—AM 07

LINCOLN'S INN. AR 43699 j1

*823** *Lane, T.* The students guide through Lincoln's Inn. 4th ed. London, 1823. 8°. 257 pp. 7 pl.

*850** *Spilsbury, W. H.* Lincoln's Inn: its ancient and modern buildings and library. London, 1850. 12°. 340 pp. 1 pl.

LINCOLNSHIRE: HISTORY. AR 4327 d

*834** *Allen, T.* The history of the County of Lincoln. London and Lincoln, 1834. 2 vols. 4°. Ill.

Literary correspondence (*Periodicals*). *See* Correspondence, Literary and Scientific (*Periodicals*). AC 81

LITERARY CRITICISM (*Bio-bibliographical digests*). AH 54

*876*** *Vapereau, G.* Dictionnaire universel des littératures. Paris, 1876 8°. 3,112 pp.

A dictionary of writers, literary works, forms, phrases, etc.

LITERARY CRITICISM (*Digests*). AH 53

*693*** *B. T.* Analecta; or a collection of some of the choicest notions . . . in more than forty authors, phylosophical, chymical, medical, astronomical, historical, etc. London, *R. Cumberland*, 1693. 12°. 126 pp.

LITERARY CRITICISM (*Reviews*). AH 50

*665** *Journal des Sçavans.* Par le Sieur de Hedouville. [With 1754, etc. Combiné avec les Mémoires de Trévoux.] 1665-1782. Amsterdam, 1685-1782. 383 vols. 12°.

Indexes: 1665-1753, 2 vols.; 1754-63, forms vol. 79. Work reconstituted in 1816 as "Journal des Savants."

*665** *Journal des Savants.* 1816-84. Paris, 1817-84. 69 vols. 4°.

Index: 1816-58 (1860).

*681** *Weekly Memorials for the Ingenious;* or an account of books lately set forth in several languages. With other accounts relating to Arts and Sciences. [No. 1-50]. 1681-83. London, *Faithorne and Kersey.* 4°. 405 pp. pl.

*720** *Mémoires Littéraires de la Grande-Bretagne.* Par M. de la Roche, 1720-24. La Haye. 16 vols. in eight. 12°.

*722** *Memoirs of Literature.* Ed. M. de la Roche. Vol. 1-8. 2nd ed. London, 1722. 12°.

Resumed in 1725 under the title "New Memoirs of Literature." *Infra.*

*725** *New Memoirs of Literature.* [Ed. M. de la Roche.] Vol. 1-6. 1725-27. London. 12°.

*733** *Bibliothèque Britannique*: ou, histoire des ouvrages des savans de la Grande-Bretagne. Tome 1-25. 1733-47. La Haye. 12°.

*749** *Monthly Review.* A periodical work giving an account, with proper abstracts of, and extracts from new books, pamphlets, etc., as they come out. Vol. 1-108. 1749-1825. New Series, vol. 1-15, 1826-1830. New Series, vol. 1-3, 1830-31. London. 209 vols. 8°.

Index [*entitled* "A compleat catalogue of all books, etc.] 1749-June 1759 (1760); 1749-84, 2 vols., by S. Ayscough; 1790-1810, 2 vols.

LITERARY CRITICISM (*Reviews*)—continued.

775* *Murr's Journal für Kunstgeschichte und zur allgemeinen Litteratur.* Theil 1-17. 1775-89. Nürnberg. 12°.

782* *New Review*; with literary curiosities and literary intelligence. Ed. H. Maty. Vol. 1-10, 1782-86. London. 8°.

804* *La Revue*, ou Décade philosophique, littéraire et politique. Par une Société de Gens de lettres. 1804-7. Paris. 12 vols. 8°.

Confined to French literature, art, drama, etc.

807* *The Athenæum.* A magazine of literary and miscellaneous information. Ed. J. Aikin. Vol. 1-5. 1807-9. London. 8°.

Contains a monthly list of new publications, accounts of rare and curious books, etc.

828* *Athenæum.* Vol. 1, etc. 1828, etc. London. 4°.

869* *Academy.* 1869-1903. London. 64 vols. 4°.

902 "*Times*" (Literary Supplement). No. 1, etc. London, 1902, etc. fol.

LIVERPOOL. AR 4324

825* *Smithers, H.* Liverpool, its commerce, statistics, and institutions; with a history of the cotton trade. Liverpool, 1825. 8°. 472 pp.

LIVERPOOL: ARCHITECTURE. AR 4324 j

849* *Picton, J. A.* Ancient Liverpool, its buildings and architecture. Liverpool, 1849. 8°. 32 pp.

LOGIC, INDUCTIVE. BD 42

858 *Whewell, W.* Novum Organon Renovatum. Being the second part of the "Philosophy of the Inductive Sciences." 3rd ed. London, 1858. 8°. 393 pp.

LOGIC: METHODOLOGY. BD 50

200** *Lull, R.* Opera ea quæ ad adinventam ab ipso artem universalem, scientiarum artiumque omnium brevi compendio, firmaque memoria apprehendendarum . . . pertinent, etc. Accessit Valerii de Valeriis Aureum in artem Lullii generalem opus, etc. Strasburg, *L. Zetzner*, 1617. 8°. 1166 pp. 2 diagr.

LOGIC: METHODOLOGY—*continued.*

*558*** *Neander, M.* Methodorum in omni genere Artium. . Ὑφήγησις. Basel, *I. Oporinus*, 1556. sm. 8°. 118 pp.

*637** *Descartes, R.* Discours de la méthode pour bien conduire sa raison et chercher la verité dans les sciences [1637.] Paris, 1838. 12°. xix + 160 pp. Portr.

*637** —— A discourse of a method for the well guiding of truth in the sciences. London, 1649. sm. 8°. 137 pp.

*669/** *Kircher, A.* Ars magna sciendi . . . qua nova et universali methodo [*i.e.* Lulliana] per artificiosum combinationum contextum de omni re proposita . . . disputari . . . potest. Amsterdam, 1669. fol. 506 pp.

*696** *S[erjeant], J.* Method to science. [Understanding; judgment; discourse.] London, 1696. 8°. 66+430 pp.

LONDON. AR 4366

*775/** *Maitland, W.* The history of London. Continued by J. Entick. New ed. London, 1775. 2 vols. fol.

*805** *Hughson, D.* [*pseud. i.e. E. Pugh*]. London; history and description of the British metropolis and its neighbourhood to thirty miles extent. London, 1805[-1811]. 6 vols. 8°.

*867** *Archæological Institute.* Old London. Papers read at the London Congress, 1866. London, 1867. 8°. 388 pp.

LONDON: ARCHITECTURE AND STREET IMPROVEMENTS. AR 4366 j

*770** *Scheme.* Schemes submitted to the consideration of the publick, etc. [chiefly for the improvement of the metropolis]. London, *W. Browne.* 1770. 8°. 60 pp.

*771 *Critical* observations on the buildings and improvements of London. [By J. Stuart.] 2nd ed. London, *J. Dodsley*, 1771. 8°. 69 pp.

*798** *Eden, Sir F. M.* Porto-bello: or a plan for the improvement of the port and city of London. London, 1798. 8°. 53 pp. 4 plans.

*814** *Account.* Some account of the proposed improvements of the western part of London, by the formation of the Regents Park, etc. London, *W. and P. Reynolds.* 1814. 8°. 185 pp. 4 plans.

*814** *Observations* on the principal defects of the public edifices and architectural ornaments of London. [By W. B.] London, *J. Ridgway*, 1814. 8°. 18 pp.

ONDON : ARCHITECTURE AND STREET IMPROVEMENTS—*continued.*

*816** *Prospectus* of a design for various improvements in the metropolis; principally about the court. By an architect. London, *J. Barfield*, 1816. 8°. 75 pp.

*816** *Remarks* on the buildings and improvements in London, etc. London, *R. Ryan*, 1816. 8°. 155 pp.

1824. *Hillary, Sir W.* Suggestions for the improvements and embellishment of the metropolis. London. *Pamphleteer.* Excerpta. [No. 41.] 16 pp. 8°. (5,514)

1825. *Observations* on the buildings, improvements and extension of the metropolis of late years; with some suggestions, etc. *Pamphleteer.* Excerpta. No. 42. 8°. 64 pp. (5,514)

*827** *Trench, Sir F. W.* A collection of papers relating to the Thames quay; with hints for some further improvements in the metropolis. London, 1827. 4°. 184 pp. 17 pl.

*841** *L. H.* Metropolitan improvements, etc. From the Westminster Review. London, 1841. 8°. 32 pp. 9 plans.

*841** *Martin, J.* His Thames and metropolis improvement plan. London, 1842. 8°. 52 pp. 2 maps.

*842** *Fonnereau, T. G.* Observations on the state of architecture in London. London, 1842. 8°. 47 pp.

851 *Smith, W. H.* London not as it is, but as it should be. Thames embankment, etc. London, 1851. 8°. 18 pp.

853 *Pearson, C.* An imaginary speech, etc. *Also*, Address to the citizens [relative to a city central terminus, etc.]. London, [1853 ?]. 8°. 48 pp. 2 plans.

869 *Mackenzie, A.* The parks, open spaces, and thoroughfares of London. London, 1869. 8°. 22 pp.

898/ *London County Council.* History of London street improvements, 1855–1897. By P. J. Edwards. London, [1898]. fol. 313 pp. 111 pl. 2 maps.

904/ *Bennett, A. R.* Proposals for London improvements [including the provision of a new county hall on a new bridge between Waterloo and Blackfriars Bridges]. [London], 1904. 4°. 19 pp. 1 pl.

904 *Meik, C. S.*, and *Beer, W.* Proposed London main avenues; description and drawings [as described in evidence before the Royal Commission on London traffic, Feb. 1904]. [London, 1904.] obl. fol. 2 pp. 10 pl.

LONDON, HISTORY: SOURCES. AR 437 p

878* *London, Corporation of the City of.* Analytical index to the series of records known as the Remembrancia. Preserved among the archives of the City of London. A.D. 1579-1664. London, 1878. 8°. 641 pp.

LONDON: INDUSTRIES. AR 4366 l

843 *Dodd, G.* Days at the factories; or the manufacturing industry of Great Britain described. Series i. London. London, 1843. 12°. 548 pp.

864* *North London Working Classes Industrial Exhibition, Islington,* 1864. Catalogue. 3rd ed. London, 1864. 8°. 62 pp.

865* *Exhibition of Arts and Industries for North-Eastern London,* 1865. Official Catalogue. Arts and manufactures. London, 1865. 8°. 24 pp.

865* *West London Working Classes Industrial Exhibition, Covent Garden,* 1865. Official Catalogue. Revised ed. London, [1865]. sm. 8°. 63 pp.

876 *Crory, W. G.* East London industries. London, 1876. 8°. 296 pp.

895* *Andom, R., pseud.* [i.e., *A. Barrett*]. Industrial explorings in and around London. London, 1895. sm. 8°. 310 pp.

896 —— The same. 2nd ed. [Reprint.] London, 1896. sm. 8°. 310 pp.

LONDON: MAPS. AR 4366 u

809‖ *Horwood, R.* Plan of London and Westminster, with Southwark. 3rd ed., with additional plans. London, 1809-19. fol.

LONDON UNIVERSITY. AR 43693 ju

828* *London University.* Description of the building for the University of London. London, 1828. 8°.

LONDON, WESTMINSTER: IMPROVEMENTS. AR 4368 j

832/* *Parliament.* Westminster. Report from the Select Committee on improvements in Westminster. London, 1832. fol. 13 pp. 6 pl.

LONDONDERRY: MAPS. AR 44931 u

837* *Ordnance Survey, Ireland.* Ordnance survey of the County of Londonderry. Vol. i. Memoir of the City and north western liberties of Londonderry. Parish of Templemore. Dublin, 1837. 4°. 2 pts. in one, Maps and pl.

LUXEMBURG. AR 468

875* *Reuter, E.* De l'industrie agricole dans la province de Luxembourg, et renseignements divers sur le Grand Duché de L. Luxembourg, 1875. 8°.

Machinery, economics. *See* Economics of Production. AU 05

MADRAS PRESIDENCY: INDUSTRIES. AR 698 1

807* *Buchanan, F.* A journey from Madras through the countries of Mysore, Canara, and Malabar. [Agriculture, arts, commerce, etc.] London, 1807. 3 vols. 4°.

853* *Mackay, A.* Western India. Reports addressed to the Chambers of Commerce of Manchester, etc. [India as a cotton growing country.] Ed. J. Robertson. London, 1853. 8°.

Magic. *See* Conjuring. AC 84-86

MAINE. AR 841

1884. *Boardman, S. L.* The climate, soil, physical resources, and agricultural capabilities of the State of Maine. *U.S. Dep't. of Agriculture,* Misc. Reports, No. 4. J 29 Z:

MALVERN. AR 43416

796* *Barrett, J.* A description of Malvern and its environs. Comprising an account of the efficacy of the Malvern Waters. Worcester, 1796. 16°. pp. vi. + 13-90.

Man, antiquity. *See* Anthropology, Prehistoric. AP 40

MANCHESTER. AR 43241

896* *Bannerman, H. and Co.* Mercantile Manchester, past and present. Manchester, 1896. 8°. 156 pp. 47 pl.

899* *Manchester* and district. Iron, steel and allied trades. London, *Robinson & Co.,* [1899?]. obl. 8°. 87 pp. 8 pl.

Manufactures, economics. *See* Economics of Production. AU

Manuscripts, catalogues. *See* Bibliography, historical, etc. (*descriptive Catalogues*). AI 25

MAPS (*Bibliography*). AQ 97

904* *U.S. Congress* (*Library*). Check list of large scale maps published by foreign Governments (Gt. Britain excepted) in the Library of Congress. Compiled under the direction of P. L. Phillips. Washington, 1904. 8°. 58 ll.

Maps. *See* Atlases AQ 61-95 and under names of locality (*Div. x. Maps.*)

MARIENBURG MONASTERY. AR 47132 1

825* *Heinrich von Plauen.* Der Führer durch das Ordenshaus Marienburg in Preussen. 2te Aufl. Königsberg, 1825. 8°. 48 pp. plan.

Anonymous work by J. Voigt written in form of a monologue.

MARKETS, ORGANISATION, ETC. AZ 08

856 *Dodd, G.* The food of London. London, 1856. 8°. 536 pp.

861* *Massy, R. J. de.* Des halles et marchés et du commerce des objets de consommation à Londres et à Paris. Rapport, etc. Paris, 1861. 8°. 2 pts. in one.

MARYLAND: INDUSTRIES. AR 857 1

853* *Maryland Institute.* The book of the [6th annual] Exhibition. [Catalogue, etc.] Baltimore, 1853. 8°. 258 pp.

MARYLAND: MAPS. AR 857 u

1898. *Mathews, E. B.* The maps and map-makers of Maryland. *Maryland (State) Geol. Survey.* Reports. Vol. ii. pp. 337-488. G 30 M:

MEASURES, WEIGHTS, AND MONEY (*Congresses*). AW 30

1875, etc. *Comité International des Poids et Mesures.* Procès-verbaux des séances. Paris, 1893. E 4: 875

1876, etc. —— Rapports aux gouvernements signataires de la convention du mètre. Paris, 1877, etc. E 4: 875 a

1895, etc. *Conférence Générale des Poids et Mesures.* Comptes rendus des séances. Paris. 4°. E 4: 895

MEASURES, WEIGHTS, AND MONEY (*Conversion tables*). AW 33

*z 817** *Calculations* of the reductions of English weights and measures to those of France and *vice versâ* . . . made by an officer of the army of occupation. Paris, 1st Jany., 1817. 8°. 28 pp.

*z 848** *Reehorst, R. P. ter.* List containing the value and proportion of coins [and] of weights and measures, in seaport places and towns. Zwolle, 1848. Broadside, lithogr.

*857** *Vion, C.* Synoptical table of English and French measures, weights, thermometers, and moneys and their reciprocal conversion. London, 1857. Broadside.

864 *Dowling, C. H.* A series of metric tables, in which the British standard measures and weights are compared with those of the metric system. London, 1864. 8°. 158 pp.

*866** *Niogret, H.* Manual comercial de los sistemas de monedas de todas las plazas mercantiles del mundo, etc. Buenos Aires, 1866. 16°. 32 pp.

867 *Peigné, A.* Conversion des mesures, monnaies, et poids de tous les pays étrangers en mesures, monnaies et poids de la France. Paris, 1867. sm. 8°. 208 pp.

*871** *Admiralty.* Table for converting French mètres and décimètres into English feet and fathoms. By R. C. Carrington. 2nd ed. London, 1871. 8°. 12 pp.

*871** —— Same. Another ed. London, 1873. 8°. 14 pp.

*879** *Borns, G. M.* Tables of metric measures and their English equivalents. London, 1879. 8°. 34 pp.

*z 890** *Standards Office, Board of Trade.* Equivalents of metric and imperial weights and measures. London, 1890. sm. 4°. 2 cards.

892 *Williams, J.* British and French calculator, shewing the comparative values of English and French quotations at any rate of exchange with tables for the conversion of metrical weights and measures into English and *vice versâ*. Walsall, [1892]. 4°. 24 pp.

898 *Pharmaceutical Journal.* Metric equivalents of imperial weights and measures, together with thermometric equivalents in degrees centigrade, Fahrenheit and Réaumur. London, 1898. 4°. 23 pp.

MEASURES, WEIGHTS, AND MONEY (*General treatises*). AW 27

835 *Kelly, P.* The universal cambist and commercial instructor: being a treatise on the exchanges, coins, weights and measures of all trading nations and their colonies. 2nd ed. London, 1835. 2 vols. in one. 4°.

856* *Woolhouse, W. S. B.* The measures, weights, and moneys of all nations. London, 1856. 12°. 192 pp.

1867. *Lapparent, — de.* Poids et mesures, monnaies. *Paris Universal Exhibition*, 1867: Rapports du Jury International. Classe 12. Sect. iv. 1868. 8°. pp. 485-500. AB 867 p

874 *Tate, T.* Tate's modern cambist. A manual of foreign exchanges, also tables of foreign weights and measures, with their equivalents in English and French. 16th ed., by G. L. M. Strauss. London, 1874. 8°. 323 pp.

1876. *Chisholm, H. W.* Standard weights and measures. *Science and Art Dept. (S.K. Museum).* Special loan collection. Free evening lectures. 8°. pp. 493-524. (26,272)

881 *Woolhouse, W. S. B.* Measures, weights, and moneys of all nations. 6th ed. London, 1881. 12°. 212 pp.

887 *Oldberg, O.* A manual of weights and measures [principally for pharmacists]. Chicago, 1887. sm. 8°. 251 pp.

1888. *Gieseler, E. A.* Standard measures. 19 pp. *Franklin Institute.* Reprints. [Vol. 1.] B 62: 886

MEASURES, WEIGHTS, AND MONEY (*History*). AW 20

906 *Hallock, W.*, and *Wade, H. T.* Outlines of the evolution of weights and measures and the metric system. New York, 1906. 8°. 316 pp.

MEASURES, WEIGHTS, AND MONEY: CLASSICAL AND ANCIENT. AW 23

647* *Greaves, J.* A discourse on the Romane foot and denarius, from whence, as from two principles, the measures and weights used by the ancients may be deduced. London, 1647. 12°. 142 pp. *Also in his* Miscellaneous works. pp. 405-433. AD 03*

671* *Leigh, E.* Three diatribes. Thirdly of measuring the distance betwixt place and place. London, 1671. 8°. Also in *Harleian Miscellany*. Vol. x. pp. 102-105. AO09.500*

MEASURES, WEIGHTS, AND MONEY: CLASSICAL AND ANCIENT —*continued.*

686* *Cumberland, R.* An essay towards the recovery of the Jewish measures and weights, comprehending their monies; by help of ancient standards, compared with ours of England. Useful also to state many of those of the Greeks and Romans, and the Eastern nations. London, 1686. 8°. 156 pp. 1 pl.

688* *Bernard, E.* De mensuris et ponderibus antiquis libri tres. Editio altera, etc. Oxford, 1688. 8°. 360 pp. 4 pl.

719* *Beverini, B.* Syntagma de ponderibus et mensuris antiquorum . . . cum præfatione J. G. Walchii. Prodit nunc tertio cum additionibus et mantissa nummorum Byzantinorum Seb. Pauli. Naples, 1719. 8°. 350 pp.

1747. *Bourguignon d'Anville, J. B.* Dissertation sur l'étendue de l'ancienne Jérusalem . . . et sur les mesures Hebraiques de longueur. Paris. 8°. 83 pp. 1 pl. AR 617*

835* *Jervis, T. B.* Records of ancient science, exemplified and authenticated in the primitive universal standard of weights and measures. Calcutta, 1835. 8°. 112 pp

836z* *Betham, Sir W.* Papers. [ii.] On the ring money of the Celtæ, and their system of weights, etc. Dublin, 1836. 4°. [14 pp.]

877* *Petrie, W. M. F.* Inductive metrology; or the recovery of ancient measures from the monuments. London, 1877. 8°. 167 pp. 2 tables.

898* *Hultsch, F.* Die Gewichte des Alterthums. Leipzig. 1898. 8°. 219 pp.

MEASURES, WEIGHTS AND MONEY: DECIMAL. AW 43

1814. *Sketch* for a new division and sub-division of monies, weights and coins. [Also] Observations on the report of the Committee of weights and measures, etc. *Pamphleteer.* Excerpta. No. 45. 16 pp. AC90:813*

841* *Felton, J.* An appeal to the British public in favour of an important national improvement in commerce and education [decimal scales of measures, weights and money]. London, 1841. sm. 8°. 76 pp.

z 853* *Mears, R.* Decimal coinage tables for simplifying and facilitating the introduction of the proposed new coinage. London, 1853. sm. 4°. 36 pp.

z 853* *Rathbone, T. W.* An examination of the report and evidence of the Commons Committee on decimal coinage. London, 1853. 8°. 45 pp.

MEASURES, WEIGHTS AND MONEY: DECIMAL—*continued.*

854* *Aslit, J. S. H.* Aslit's decimal coinage, with a proposal for decimalizing our weights and measures of length and capacity. London, 1854. 12°. 56 pp. 2 pl.

854* *Bowring, Sir J.* The decimal system in numbers, coins and accounts, especially with reference to the decimalisation of the currency and accountancy of the United Kingdom. London, 1854. 8°. 245 pp. 14 pl. and portraits.

z 854* *Decimal* coinage: the necessity for its adoption—its advantages over the present system—and the various plans which have been proposed for carrying it out. [Reprint.] London, [1854?]. sm. 8°. 44 pp.

1855. *Decimal Association.* Proceedings. With introduction by Prof. De Morgan. London. E 4: 855

—— —— Reports 1, 2 and 4. 1856-60. London. E 4: 855 a

z 855* *Turner, J. H.* The penny considered as the foundation of a decimal currency. Cambridge, 1855. 8°. 16 pp.

z 856* *Hoare, C.* Mensuration made easy: or, the decimal system for the million. New ed. London, 1856. 12°. 92 pp.

856* *Statter, D.* The decimal system . . . . . in its relation to time, measure, weight, capacity, money, etc. London, 1856. 8°. 42 pp. 1 pl.

z 857* *Alexander, J. H.* International coinage for Great Britain and the United States [on a decimal system]. Oxford, 1857. 12°. 26 pp.

857/* —— Decimal coinage. Answers to Lord Overstone's questions. [Excerpt.] 1857. fol. 30 pp

857* *Decimal Association.* Answers to questions communicated by Lord Overstone to the Decimal Coinage Commissioners. No. 3. London, 1857. 8°. 56 pp.

z 857* *Jones, W. A.* The decimal system of measures, weights, and money. 2nd ed. London, 1857. 8°. 16 pp.

857* *Pasley, Sir C. W.* Plan for simplifying and improving the measures, weights and money of this country without materially altering the present standards. London, 1857. 8°. 16 pp.

z 858* *Hennessy, H.* On a uniform system of weights, measures, and coins for all nations. London. 8°. 30 pp.

888* *Rohde, R. T.* A practicable decimal system for Great Britain and her colonies. London, [1888]. 8°. 22 pp.

MEASURES, WEIGHTS AND MONEY: DECIMAL—*continued.*

890* *Molesworth, Sir G. L.,* and *Dowson, J. E.* Decimal coinage, weights and measures, popularly explained. London, 1890. 8°. 32 pp.

891/* *Hanssen, C. J. T.* A system of international measure and weight. Copenhagen, 1891. fol. 2 pp.

"Anglo-American decimal system."

891* *Smith, W. A.* Decimal coinage, weights and measures. Address. London, 1891. 8°. 24 pp.

MEASURES, WEIGHTS AND MONEY: EAST INDIES. AW 51 e

763 *Brooks, T.* An authentic account of all the different coins (both real and imaginary) by which accompts in the East Indies are kept; together with a general account of all the weights, measures, exchanges, etc. at the following [ports in the East Indies]. London, 1763. 8°. 79 pp.

MEASURES, WEIGHTS AND MONEY: ENGLISH. AW 35

758/* *Parliament.* Reports from the committees appointed to enquire into the original standards of weights and measures in this Kingdom. London, 1758. 2 vols. in one fol.

787* *Whitehurst, J.* Tracts, philosophical and mechanical. [*Contents:* Memoir; An attempt toward obtaining invariable measures of length, capacity, and weight, from the mensuration of time, independent of the mechanical operations requisite to ascertain the center of oscillation, or the true length of pendulums. With appendix. 1787]. London, 1812. 4°. 70 pp. 3 pl.

790* *Miller, Sir J. R.* Speeches in the House of Commons upon the equalization of weights and measures of Great Britain, together with two letters from the Bishop of Autun [Prince Talleyrand] [and] that Prelate's proposition to the national assembly, etc. London, 1790. 8°. 143 pp.

790* *Steuart, Sir J. D.* A plan for introducing an uniformity of weights and measures within the limits of the British Empire. London, 1790. 8°. 66 pp.

792* *Keith, G. S.* Different methods of establishing an uniformity of weights and measures stated and compared. [Aberdeen, 1792?] 8°. 34 pp.

MEASURES, WEIGHTS AND MONEY: ENGLISH—*continued.*

*817** *Dissertation* on weights and measures and the best means of revising them. [By O. Gregory.] [Reprint.] London, *Baldwin, Cradock & Joy*, 1817. 8°. 35 pp.

1819. *Parliament.* First report of the commissioners appointed to consider the subject of weights and measures. 5 pp. *Pamphleteer.* Excerpta. [No. 29.] 8°. AC 90:813*

*822** *Goodwyn, H.* Introductory remarks respecting the Imperial gallon and diagonal table. London, [1822?]. 4 pp. 1 pl.

*823** *Wallace, R.* Remarks on weights and measures; containing an exposure of the errors in Mr. Cleland's exemplification. 2nd ed. containing a vindication of the author. Glasgow, 1823. 8°. 103 pp.

*825** *Butter, H.* A correct abstract of the new act for ascertaining and establishing uniformity of weights and measures, added, six tables, comparing the old and the new standards, by the aid of which dealers, etc. may easily understand the total change which will take place, May 1st, 1825. 2nd ed. London, 1825. 12°. 38 pp.

*825** *Cresswell, D.* Remarks upon the principal statutes concerning weights and measures; with tables of the dimensions proper for heaped measures; and instructions for examiners of weights, balances and measures. London, 1825. 8°. 40 pp.

*825** *Royston, W.* Abstract of the new act of Parliament for regulating the new standard for weights and measures, together with tables of equalization. London, [1825]. 12°. 11 pp.

*823** *Practical* view of the amendments needful in weights and measures of the United Kingdom. [Reprint.] Glasgow. *D. Robertson*, 1833. 8°. 30 pp.

1839. *Parker, T. N.* Description of a new quart and bushel measure, in which all fractions of an inch are avoided by a cubical test or standard, instead of a cylindrical standard. Shrewsbury. 8°. 22 pp.

1854? *Whitworth, Sir J.* Observations addressed to the committee on standards of length and weight. MS. fol. 6 pp. AD 995**

*857** *Alexander, J. H.* An inquiry into the English system of weights and measures. Oxford, 1857. 12°. 110 pp.

868/ *Parliament.* Standards Commission. Reports on the condition of the Exchequer, now Board of Trade standards. London, 1868-71. 5 vols. in two. fol.

MEASURES, WEIGHTS AND MONEY: ENGLISH—*continued.*

*891** *Roberts, J.* Handbook of weights and measures: being the Weights and measures acts, 1878 and 1889. With the principles of weighing and measuring. London, 1891. sm. 8°. 248 pp.

897 *Chaney, H. J.* Our weights and measures. A practical treatise on the standard weights and measures in use in the British Empire. With some account of the metric system. London, 1897. 8°. 172 pp. Frontis. and 2 fold. pl.

899 *Roberts, J.* Handbook of weights and measures; being the Weights and Measures Acts, 1878-1897, together with the principles of weighing and measuring. 2nd ed. By the author and J. H. Hume-Rothery. London, 1899. sm. 8°. 342 pp.

MEASURES, WEIGHTS AND MONEY: ENGLISH DEPARTMENTAL REPORTS. AW 37

1866-77. *Standards Office (Board of Trade).* Reports of the Warden of the Standards on the proceedings and business of the Standard weights and measures department. London, 1867-78. 12 vols. 8°. E 4: 866

1878, etc. *Board of Trade (Returns, etc.).* Reports . . . on proceedings and business under the Weights and Measures Acts, 1878 and 1889. London, 1879, etc. fol. E 4: 866 a

MEASURES, WEIGHTS AND MONEY: FRANCE, *including* METRIC. (*History.*) AW 44

1895. *Gore, J. H.* The decimal [metric] system of measures and its history. *Cornell Univ: Assoc. of Civil Engineers.* Transactions. Vol. 3. pp. 1-17. E 12 Cor:

MEASURES, WEIGHTS AND MONEY: FRANCE, *including* METRIC. AW 45

793 *France: Commission temporaire des poids et mesures républicaines.* Instructions sur les mesures déduites de la grandeur de la terre . . . et sur les calculs relatifs à leur division décimale. Sur l'édition originale du Louvre. Caen. An 2 [1793]. 8°. 256 pp. 9 tables. (36,728)

*840** *Nouhen, A.* Nouveau manuel-comptes-faits; ou barême général des poids et mesures. Partie i. Mesures de longueur. ii, de solidité. iv. Poids. v. Mesures de capacité. Paris, 1840. 5 vols. 18°.

*840** *Souquet, J. B.* Métrologie française, ou manuel théorique et pratique du système métrique. Toulouse, 1840. 8°. 376 pp.

*840** *Tarbé des Sablons, S. A.* Nouveau petit manuel classique des poids et mesures, pour l'enseignement élémentaire. Paris, 1840. 18°. 54 pp.

*840** —— Nouveau petit manuel des poids et mesures, à l'usage des ouvriers et des écoles. Nouv. éd. Paris, 1840. 18°. 72 pp.

*840** —— Poids et mesures à l'usage des médecins, pharmaciens et droguistes. Paris, 1840. 12°. 18 pp. 4 tables.

*844** *Baglet, —.* Nouveau barême complet des poids et mesures, avec conversion facile de l'ancien système au nouveau. Paris, [1844]. 18°. 453 pp.

*845** *Tarbé des Sablons, S.-A.* Nouveau manuel complet des poids et mesures des monnaies, du calcul décimal et de la vérification. Nouv. éd. Paris, 1845. 18°. 480 pp. 4 pl.

*856** *Yates, J.* Narrative of the origin and formation of the International Association for obtaining a uniform decimal system of weights, measures, and coins. [Metric system.] 2nd ed. London, 1856. 8°. 56 pp.

*z 858** *Porter, J. S.* On the metrical system of weights and measures, etc. London, [1858] 1859. 8°. 24 pp.

*858** [*Yates, J.*] What is the best unit of length? [the metre]. London, 1858. 8°. 92 pp.

*z859** *Decimal Association.* Memorial on decimal [metric] weights, etc. London, 1859. 2 parts. 8°. 23 pp. *Advance copy prefixed.*

*z863** *Parliament (Debates).* Debate in the House of Commons on the proposed introduction of the metric system of weights and measures. London, 1863. 8°. 30 pp.

*864** *Decimal Point, pseud.* Notes on numbers, weights, and measures, and the metric system, with equivalent English measures on a decimal scale and the battle of the standards. London, 1864. sm. 8°. 48 pp.

*864** *La-Vega, C. de* and *Ricaldoni, P.* Manual . . . del sistema metrico-decimal. Declarado por decreto de 30 de Diciembre de 1863. Texto nacional. Montevideo, 1864. 8°. 122 pl.

MEASURES, WEIGHTS AND MONEY: FRANCE, *including* METRIC—*continued.*

864* *Loedel, E.* Manual del sistema metrico de pesas y medidas. Montevideo, 1864. 8°. 80 pp. 2 pl.

867* *Azevedo Coimbra, J. B. de.* Noções sobre o systema metrico decimal. Rio de Janeiro, 1867. 8°. 94 pp.

867* *Metric* system. A compilation, etc. Philadelphia, 1867. 12°. 38 pp.

867* *Monteiro, C.* System metrico decimal. Recife (Brazil), 1867. 12°. 94 pp.

868* *Ferreira, F. L.* Novo systema metrico, etc. Maranhão, [1868]. 32°. 88 pp.

1870. Extracts from the Report of the International Committee on weights, measures, and coins, with a notice of the use of the metric system in the United States and its relations to other systems of weights and measures. 47 pp. *Paris Univ. Exhibition*, 1867. (U.S. Comm.) Reports. Vol. i. 1870. 8°. (AB 867 s b)

1878. *Congrès international pour l'unification des poids, mesures et monnaies, Paris:* Comptes rendus, 164 pp. AB 878 x. *Paris Univ. Exhibition*, 1879. Congrès, *etc.* No. 22. 1880. 8°.

Recommends adoption of metric system.

891* *Dowson, J. E.* Decimal [metric] coinage, weights and measures. [Reprint.] London, 1891. 8°. 28 pp.

1891. *Lang, V. von.* Die neuen Kilogramm-und Meterprototype. *Ver. zur. Verbreit. naturw. Kenntnisse.* Bd. 31. pp. 513-36. B 19: 860.

1895. *Wilkinson, Sir J. L.* Système décimal. Generalisation de l'adoption du système décimal dans les calculs, relatifs aux construction et à l'exploitation des chemins de fer. Moyens de favoriser l'introduction du système métrique. 12 pp. *Congrès Intern. des Chemins de fer:* Papers. 5e Sess. Question xvi. F 5: 888.

901 *Bigourdan, G.* Le système métrique des poids et mesures, son établissement, etc. avec l'histoire des opérations qui ont servi à déterminer le mètre et le kilogramme. Paris, 1901. 8°. 464 pp. 2 pl.

1905. *Cooper, F.* The decimal and metric systems. *Inst. of Marine Engineers:* Transactions. Vol. xvii. Paper 126. pp. 130-180. 1 pl. F 81: 889.

In favour of metric system.

907 *Guillaume, C. E.* Les récents progrès du système métrique. (*Extrait.*) Paris, 1907. 4°. 94 pp.

MEASURES, WEIGHTS AND MONEY: JAPAN. AW 51 j

879 *Kinch, E.* Japanese, metric, and English weights and measures. Tables of their relations, etc. Tokio, 1879. sm. 8°. 20 pp.

MEASURES, WEIGHTS AND MONEY: UNITED STATES. AW 53

34* *Franklin Institute.* Report in relation to weights and measures [standards in United States]. Philadelphia, 1834. 8°. 82 pp.

Mechanical industries, description. *See* Arts and Manufactures, Mechanical technology. AB 30-31

Mechanics, lives. *See* Inventors and Discoverers, AB 70

MEMORY, TRAINING BE 549

752* *Grey, R.* Memoria technica: or a new method of artificial memory applied to chronology, history, etc. 2nd ed. London, 1752. 8°. 214 pp.

813** *Feinaigle, G. von.* The new art of memory. 2nd ed. London, 1813. sm. 8°. 467 pp. 6 pl.

827* *Crook, W. H.* [Stenomathic] Method of facilitating the recollection of numbers. [London, 1827?] sm. 8°. 70 pp. 4 pl.

836* *Grey, R.* Memoria technica, or method of artificial memory. . . Subjoined, Lowe's Mnemonics delineated. New ed. Oxford, 1836. sm. 8°. 238 pp.

842* *Beniowski, B.* A handbook of phrenotypics, &c. London, 1842. 12°. 96 pp.

847* *Johnson, L. D.* Memoria technica. 3rd ed. Boston, Mass., 1847. 8°. 96 pp.

851* *Grey, R.* Memoria technica, or method of artificial memory . . . Subjoined Lowe's Mnemonics delineated. New ed. Oxford, 1851. sm. 8°. 238 pp.

863* *Pick, E.* On memory and the rational means of improving it. 3rd ed. London, 1863. sm. 8°. 136 pp.

866* *Maclaren, T.* Systematic memory. London, 1866. 12°. 56 pp.

882* *Middleton, A. E.* Memory aids, and how to use them. Workington, 1882. sq. 16°. 52 pp.

Mercantile dictionaries. *See* Commercial Correspondence (*Dictionaries*). AB 01; Commercial Substances, Description. AB 04

Methodology. *See* Logic, Methodology. BD 50

Metric weights and measures. *See* Measures, weights and money (*French, including Metric*). AW 44-45

Metrology. *See* Measures, weights and money; AW 20-54; [Measuring-instruments].

MEXICO. AR 95

*824** *Mill, N.* The history of Mexico from the Spanish Conquest, etc. [physical geology, mineral industries, etc.]. London, 1824. 8°. 312 pp.

*836** *Burkart, H. J.* Aufenthalt und Reisen in Mexico, 1825 bis 1834. Vorwort von J. Nöggerath. Stuttgart, 1836. 2 vols. 8°.

*898** *Romero, M.* Coffee and india-rubber culture in Mexico, preceded by geographical and statistical notes on Mexico. New York, 1898. 8°. 453 pp.

Periodicals. AR 95 x

*852** *Instituto Nacional de Geografia y Estadistica:* Boletin. Tomo I. 3d ed. 1861. [Continued as:] *Sociedad Mexicana de Geografia y Estadistica:* Boletin. Tomo ii.-xi. [later] *Sociedad de Geografia, etc., de la Republica Mexicana.* 2a época. Tomo i.-iv., and 3 supplements. Mexico, 1852-72. 17 vols. 8°.

MEXICO: INDUSTRIES. AR 95 1

1867. *Thomas, —.* Notice sur les principales productions du Mexique. *Paris Universal Exhibition,* 1867: Rapports du Jury International. Classe 67. Sect. iii. 1868. pp. 53-70. AB 867 p

*904** *St. Louis International Exhibition,* 1904 (*Mexican Comm.*). Catalogo oficial, etc. St. Louis, 1904. 8°. 329 pp. ill.

MICHIGAN. AR 901

*893** *Michigan State Dept.:* Michigan and its resources. [4th ed.] Lansing, Mich., 1893. 8°. 289 pp. map. pl.

MIDDLESBROUGH. AR 43191

*869** *Cleveland.* Cleveland and its metropolis. Middlesborough-on-Tees. 8°. 14 pp. 1 map.

MISSISSIPPI RIVER VALLEY. AR 875

869* *Foster, J. W.* The Mississippi valley, its physical geography, etc. Chicago, 1869. 8°. 459 pp. 3 maps.

Mnemonics. *See* Memory, training. BE 549

Moles, Facial, Reading character from. *See* Physiognomy: Moles, Facial. BB 73

Money. *See* Coins and coinage. AO 66-67. Measures, weights and money. AW 20-54

Money, Paper. *See* Paper money, history. AW 151

MONOPOLIES (*Bibliography*). AV 488 d

902 *U.S. Congress (Library).* A list of books (with references to periodicals) relating to trusts. By A. P. C. Griffin. 2nd ed. Washington, 1902. 8°. 41 pp.

MONOPOLIES (*General treatises*). AV 488

1803. *Collier, J. D.* An essay on the law of patents. Prefixed [pp. 1-53] the general history of monopolies. London. 8°. (58)

1823. *Godson, R.* A practical treatise on the law of patents, etc., with [pp. 1-41] an introductory book on monopolies. London. 8°. (7,139)

—— —— Same. Reprint. London, 1851. 8°. (1,423)

1900. Trusts and trade combinations in Europe. *U.S. State Dep't.* Special Consular Reports. Vol. xxi. pp. 411-559. C 62 : 880 a

901 *Le Rossignol, J. E.* Monopolies past and present. New York, [1901]. sm. 8°. 262 pp.

MONOPOLIES: UNITED STATES. AV 48883

904 *Montague, G. H.* The rise and progress of the Standard Oil Company. New York, 1904. sm. 8°. 151 pp.

904 *Morrison, A. C.* The baking powder controversy. [Incl. Reports of the American Baking Powder Association.] 1 vol. in two. New York, 1904-07. 8°. 2,109 pp.

MONT PILATUS. AR 38115

767* *Cappeller, M. A.* Pilati montis historia in pago Lucernensi Helvetiæ siti. Figuris Aëneis illustrata. Basel, 1767. 4°. 188 pp. 6 pl.

MULHOUSE: INDUSTRIES. AR 47712 1

902/ Société Industrielle de Mulhouse. Histoire documentaire de l'industrie de Mulhouse et de ses environs au XIXe Siécle. Mulhouse, 1902. 1. 4°. 1,105 pp. 45 pl.

MURG VALLEY. AR 4775

800. Jägerschmid, K. F. V.* Das Murgthal besonders in Hinsicht auf Naturgeschichte und Statistik. Nürnberg, 1800. 8°.

Contains an account of the wood industries of the Murg Valley.

Museum Catalogues. *See* Exhibitions, Permanent. AC 015-23.

MYSORE. AR 6981

871 Elliot, R. H.* The experiences of a planter in the Jungles of Mysore. London, 1871. 2 vols. in one. 8°. pl. map.

Mythology, classical. *See* Classical biography and mythology. AO 32

MYTHOLOGY, COMPARATIVE AND GENERAL. BA 10

836. Dubois, N. A.* Nouveau manuel complet de mythologie. Paris, 1836. 18°. 380 pp.

Mythology, iconological. *See* Iconology, Mythological. AO 37

Names of persons and places. *See* Historical sciences (*Dictionaries*). AO 06

NATAL. AR 747

857. Cœqui, A.* Practical remarks on the Colony of Natal South Africa. London, 1857. 8°. 67 pp. Map.

NATAL: INDUSTRIES. AR 747 1

862 London International Exhibition, 1862: Natal Comm.* A descriptive catalogue of the Natal contribution to the International Exhibition of 1862. By [R. J.] Mann. London, 1862. 8°. 29 pp.

Netherlanders, lives. *See* Biography, National: Dutch. AD 434

NETHERLANDS. AR 454

*588** *Junius, H.* Batavia. Leyden, 1588. 4°. 431 pp.

*765** *Present.* The present state of Holland. 4th ed. Leiden, *Cornelis de Pecker* 1765. 12°. 435 pp.

NETHERLANDS: INDUSTRIES. AR 454 1

*873** *Vienna Universal Exhibition*, 1873: *Netherlands Comm.* Special.-Catalog, etc. Wien, 1873. 8°. 166 pp. Plan.

NETHERLANDS: SOCIAL AND ECONOMIC HISTORY. AR 454 m

1846. *MacCullagh, W. T.* The industrial history of free nations, considered in relation to their domestic institutions and external policy. [Vol. ii. The Dutch.] London. 2 vols. 8°. AR 34*

NEW BRUNSWICK. AR 828

1847. *New Brunswick: Legislature.* Reports relating to the project of constructing a railway and line of electro-magnetic telegraph through the province [from Halifax to Quebec]. [Resources and future development.] Fredericton. 120 pp. 4°. *Railway Pamphlets.* Vol v. (18,699)

NEW SOUTH WALES. AR 216

*876** *Philadelphia International Exhibition*, 1876: *New South Wales Commission.* New South Wales, its progress and resources. Sydney, 1876. 8°. 31 pp.

*876** *Reid, G. H.* An essay on New South Wales, the mother colony of the Australias. Sydney, 1876. 8°. 179 pp. 3 maps, etc.

*886** *Colonial and Indian Exhibition, London*, 1886. New South Wales: its progress, present condition, and resources. Sydney, 1886. 8°. 221 pp. 1 table.

*886** —— New South Wales, its progress and resources. 2nd ed. Sydney, 1886. 8°. 46 pp. 1 map. 1 table.

*900** *New South Wales, Statistical Dep't.* [i. Agriculture; ii. Mining industry; iii. Timber resources; iv. Climate; v. Fauna; vi. Statistics of progress. By T. A. Coghlan.] Sydney, 1900. 6 pts. 8°.

NEW SOUTH WALES: INDUSTRIES. AR 216 1

*862** *London International Exhibition*, 1862: *New South Wales Commission.* Catalogue of the natural and industrial products of New South Wales; with a map and introductory account of its population, commerce, and general resources. London, 1862. 8°. 64 pp. Map.

*867** *Paris Univ. Exhibition*, 1867: *New South Wales Comm.* Catalogue of the natural and industrial products of New South Wales. Sydney, 1867. 8°. 176 pp. 2 maps.

*871** *Sydney Intercolonial Exhibition*, 1879. The industrial progress of New South Wales: being a report of the Intercolonial Exhibition of 1870. Sydney, 1871. 8°. 303 pp. 2 maps.

*882** *Lyne, C.* The industries of New South Wales. Sydney, 1882. 8°. 290 pp. 2 maps.

*886** *Colonial and Indian Exhibition, London*, 1886. New South Wales. Official Catalogue of Exhibits from the Colony. Sydney, 1886. 8°. 478 pp.

*888** *Griffin, G. W.* New South Wales: her commerce and resources. Sydney, 1888. 8°. 293 pp.

*893** *Chicago Exhibition*, 1893: *New South Wales Comm.* Catalogue of the exhibits in the New South Wales Courts. Sydney, 1893. 8°. 790 pp.

Newspaper catalogues and directories, national. *See* Bibliography, National. AG 10–99 (*Div. i. Periodical and Society Publications, lists, etc.*).

NEW YORK (STATE): HISTORY—SOURCES. AR 851 p

*850** *New York, State of.* The documentary history of the State of New York. Arranged by E. B. O'Callaghan. Albany, 1850–51. 4 vols. 4°.

NEW ZEALAND. AR 23

1892, etc. *New Zealand: Registrar General.* The N. Z. official handbook. Wellington. 8°. A 90 ANZ:

NEW ZEALAND: INDUSTRIES. AR 23 1

*z 889** *Paris Univ. Exhibition*, 1889: *New Zealand Comm.* New Zealand Courts. Catalogue. [London, 1904.] 8°. 63 pp.

NICARAGUA. AR 966

852* *Squier, E. G.* Nicaragua: its people, scenery, monuments, and the proposed inter-oceanic canal. London, 1852. 2 vols. 8°. Maps. Illus.

874* *Belt, T.* The naturalist in Nicaragua . . . at the gold mines of Chontales; journeys in the Savannahs and forests. London, 1874. 8°. 419 pp. Map. Illus.

NICARAGUA: ANTIQUITIES. AR 966 1

1881. *Bransford, J. F.* Archæological researches in Nicaragua. 93 pp. 2 pl. *Smithsonian Contr. to Knowledge.* Vol. 25. B 13 S: 851

North America. *See* America, North. AR 817

NORTH CAROLINA: INDUSTRIES. AR 865 1

z 884* *North Carolina: Board of Agriculture.* Catalogue of the North Carolina exhibit at the American Exposition, Boston, 1883. Edited by *C. W. Dabney*, Jr. Raleigh, N.C., 1884. 8°. 63 pp.

NORTHAMPTONSHIRE. AR 4338

822‖ *Baker, G.* The history and antiquities of the county of Northampton. London, 1822-41. 2 vols. fol.

NORWAY: INDUSTRIES. AR 51 1

876* *Philadelphia International Exhibition*, 1876: *Norwegian Comm.* Special catalogue. Christiania, 1876. 8°. 183 pp. 2 maps.

900* *Paris Universal Exhibition*, 1900: *Norwegian Comm.* La Norvège à l'Exposition, etc. Catalogue spécial. Redigé par K. V. Hammer. Kristiania, 1900. obl. 12°. 131 pp.

NORWEGIAN AND ENGLISH DICTIONARIES. AA 29

1873. *Ferrall and Repp.* Dansk-Norsk-Engelske Ordbog. 4de Udgave ved. A. Larsen. Kjöbenhavn. sq. 8°. 560 pp. AA 27

886 *Geelmuyden, J.*, and *Bryntildsen, J.* Engelsk-norsk Ordbog. Kristiania, 1886. 8°. 1,136 pp.

NORWICH: ANTIQUITIES. AR 43301 1

*845/** *Muskett, C.* Remnants of antiquity in Norwich. Norwich, 1845. 4°. 40 lithogr. plates [described by W. C. Ewing].
Privately printed. Cover dated 1844.

NOTTINGHAM. AR 43331

*751*** *Deering, C.* Historical account of . . . the town of Nottingham. Nottingham, 1751. 4°. 377 pp. 24 pl.
Contains a description of Lee's Stocking frame.

*900** *Ward, J.* Manuscripts relating to the county of Nottingham in the possession of Mr. J. Ward. Transcribed and edited by J. T. Godfrey. London, 1900. 4°. 162 pp. Front.

NOVA SCOTIA. AR 829

*823** *General.* A general description of Nova Scotia. Halifax, N.S., printed at the Royal Acadian School, 1823. 8°. 209 pp. Map.

*858** *Hamilton, P. S.* Nova Scotia as a field for emigration. Published by authority. London, 1858. 8°. 91 pp. Map.

862 *London International Exhibition*, 1862: *Nova Scotia Commission.* Nova Scotia and her resources. By T. F. Knight. (*Prize Essay.*) Halifax, N.S., 1862. 8°. 89 pp.

NUMISMATICS (*Collections*). AO 60

*906** *Mint, Royal.* Catalogue of the coins, tokens, medals, dies, and seals in the museum of the Royal Mint. Vol. i. Coins and tokens. By W. J. Hocking. London, 1906, etc. 8°. *In progress.*

NUMISMATICS (*General treatises*). AO 61

*695** *Science.* La science des médailles. [By L. Jobert.] Paris, 1695. sm. 8°. 334 pp.

*695** —— Same. Nouv éd. Paris, 1715. 2 vols. sm 8°.

*695** *Knowledge.* The knowledge of medals. From the French [of L. Jobert by R. Gale]. London, 1697. 8°. 240 pp.

*697/** *Evelyn, J.* Numismata. A discourse of medals, antient and modern, etc. London, 1697. 4°. 364 pp.

NUMISMATICS (*General treatises*)—continued.

*740** *Treatise.* A treatise of the revenue and false money of the Romans. [With the] manner of distinguishing antique medals. From the French. London, *J. and P. Knapton*, 1741. 8°. xxxii + 228 pp.

*764** *Jennings, D.* An introduction to the knowledge of medals. London, *J. Baskerville*, 1764. 8°. 62 pp.

*784** *Essay.* An essay on medals. [By J. Pinkerton.] London, 1784. 8°. xxxii + 326 pp.
Appendix gives the prices of medals, etc.

*808** *Pinkerton, J.* An essay on medals . . . especially of Greece, Rome, and Britain. 3rd ed. London, 1808. 2 vols. 8°.
With appendix of prices, etc.

1875. *Billing, A.* The science of gems, jewels, coins and medals, ancient and modern. New ed. London, 1875. 8°. 230 pp. 22 pl. (18,134)

NUMISMATICS: ALCHEMICAL. AO 63

*890** *Bolton, H. C.* Contributions of alchemy to numismatics. [Paper read, Dec. 5, 1889.] New York, 1890. 4°. 44 pp. 3 pl.

1893. *Bauer, A. A.* Die Adelsdocumente Oesterreichischer Alchemisten, und die Abbildungen einiger Medaillen alchemistischen Ursprunges. 72 pp. 5 pl. *Museum für die Geschichte der Oesterr. Arbeit.* Monographien. Heft iii. 8°. A 59 : 891

Nuremberg, inventors, etc. lives. *See* Inventors and discoverers: Lives—Local (*Germany—Nuremberg*). AB 7433

OCCULT SCIENCES. BB 20

*679*** *Delrius, M. A.* Disquisitionum magicarum libri sex. Quibus continetur accurata curiosarum artium et vanarum superstitionum confutatio. Cologne, 1679. 4°. 1286 pp.

*715*** *Gabalis* [*i.e. Montfaucon de Villars*]. Le Comte de Gabalis, ou entretiens sur les sciences secretes. Amsterdam, 1715. 12°. 156 pp.

*715*** —— La suite du Comte de Gabalis. [By A. Andréol.] Amsterdam, 1715. 12°. 150 pp.

*843** *Salverte, E.* Des sciences occultes; ou, essai sur la magie, les prodiges et les miracles. 2e éd. Paris, 1843. 8°. 548 pp.

843 —— The occult sciences. From the French, with notes, etc., by A. T. Thomson. London, 1846. 2 vols. 8°.

OCCULT SCIENCES: DIVINATION; PREDICTION. BB 40

608** *Cattan, C.* The geomancie of Maister Christopher Cattan. With the wheel of Pythagoras. From the French. London, 1608. 4°. 288 pp.

OCCULT SCIENCES: SPIRITUALISM. BB 50

880 *Zöllner, J. C. F.* Transcendental physics. [Fourth dimension and Slade.] Trsl. C. C. Massey. London, 1880. 8°. 314 pp. 10 pl.

Official publications, national: bibliography. *See* Bibliography National. AG 10-90 (*Div. u. State paper catalogues, etc.*)

OLYMPIC THEATRE, VICENZA. AR 353451 i

749* *Montenari, Comte G.* Del Teatro Olimpico di A. Palladio in Vicenza. 2a ed., con [la vita di Palladio scritta da P. Gualdo e] lettere due critiche, l'una del Marchese G. Poleni, l'altra dell' autore. Padova, 1749. 8°. 169 pp. 5 pl. and portrait.

ONTARIO. AR 326

831* *Doyle, M., pseud. [i.e. Rev. Wm. Hickey].* Hints on emigration to Upper Canada. Edinburgh, 1831. 16°. 108 pp. 1 map.

ORIENT: ANTIQUITIES. AR 601

662** *Hottinger, J. H.* Cippi Hebraici: sive Hebræorum tam veterum . . . quàm recentiorum monumenta. Latinitate donata, notisque illustrata. 2a ed. Accedunt ejusdem dissertationes, i. De variis Orientis monumentis, mensuris et inscriptionibus; ii. De nummis orientalium, etc. Heidelberg, 1662. sm. 8°. pp. 7 pl.

ORIENTAL BIOGRAPHY. AD 39

881* *Asiatic Society of Bengal.* The oriental biographical dictionary. By T. W. Beale. Ed. H. G. Keene. Calcutta, 1881. 4°. 296 pp.

ORIENTAL ENCYCLOPÆDIAS. AR 60 c

777 *Herbelot de Molainville, B. de.* Bibliothèque Orientale, ou dictionnaire universel contenant tout ce qui fait connôitre les peuples de l'Orient. Tome 4 continué par C. Visdelou et A. Galand. La Haye, 1777-79. 4 vols. 4°.

871* *Balfour, E. G.* Cyclopædia of India and of Eastern and Southern Asia, commercial, industrial, and scientific. 2nd ed. Madras, 1871-73. 5 vols. 8°.

885 —— The cyclopædia of India and of Eastern and Southern Asia, commercial, industrial and scientific. 3rd ed. London, 1885. 3 vols. 8°.

ORIENTAL HISTORY. AR 60 q

773* *P. *** de* [i.e., *Corneille de Pauw*]. Recherches philosophiques sur les Égyptiens et les Chinois. [A comparative study of the early Egyptians and the modern Chinese.] Berlin, 1773. 2 vols. 12°.

ORIENTAL PHILOSOPHY. BC 11

853/* *Asiatic Society of Bengal.* Bibliotheca Indica . . . A dictionary of the technical terms used in the sciences of the Musalmans. Edited by Mawlawics Mohammad Wajih, and others. [With] 1st Appendix by A. Sprenger. [Calcutta], 1853-62. 3 vols. 4°.

OXFORD, CITY. AR 43501

773* *Wood, A. à.* The ancient and present state of the City of Oxford. With additions by Sir J. Peshall. London, 1773. 4°. 418 pp. 5 pl.

OXFORD UNIVERSITY. AR 43501 ju

786* *Wood, A. à.* The history and antiquities of the Colleges and Halls in the University of Oxford. With continuation by A. Gutch [containing Fasti Oxenienses, additions and indexes]. Oxford, 1786-90. 4°. 374 pp.

792* —— The history and antiquities of the University of Oxford. Ed. J. Gutch. Oxford, 1792-96. 2 vols. 4°.

Oxford University men, lives. *See* Biography, National (*English*) AD 437

OXFORDSHIRE. AR 435

705/* *Plot, R.* The natural history of Oxfordshire. 2nd ed. Oxford, 1705. fol. 368 pp. Map and 14 pl.

PAISLEY. AR 44657

907* *Blair, M.* The Paisley thread industry and the men who created it . . . with notes concerning Paisley old and new. Paisley, 1907. 4°. 206 pp. Ill.

PALESTINE. AR 61

721 *Maundrell, H.* A journey from Aleppo to Jerusalem, A.D. 1697. 4th ed. With account of the author's journey to the Euphrates, etc. Oxford. 1721. 8°. 170 pp. pl.

Palmistry. *See* Chiromancy. BB 83; Physiognomy. BB 70

PANTHÉON FRANÇAIS. AR 3936 jp

797* *Rondelet, J.* Mémoire historique sur le dôme du Panthéon Français. Paris, 1797. 4°. 118 pp. 10 pl.

PAPER MONEY: HISTORY. AW 151

823* *Klaproth, H. J.* The origin of paper money [in China]. London, 1823. 8°. 23 pp.

PARIS: ARCHITECTURE. AR 3936 j

806* *Legrand, J. G.* Description de Paris et ses édifices, avec . . . des observations sur le caractère de leur architecture, etc. Paris, 1806-9. 2 vols. 8°.

875‖ *Fournier, E., and others.* Paris à travers les âges: aspects successifs des monuments et quartiers de Paris depuis le XIIIe siècle jusqu' a nos jours, [restitués par F. Hoffbauer]. Paris, 1875-82. 2 vols. fol.

PARIS: INDUSTRIES. AR 3936 l

906. *Franklin, A.* Dictionnaire historique des arts, métiers et professions exercés dans Paris depuis le treizième siècle. Paris, 1906. 8°. 882 pp. AB 48: 906.

Parliamentary papers, British: Bibliography. *See* Bibliography, National: England. AG 10 (*Div. n. State Paper Catalogues, etc.*)

PATAGONIA. AR 995

820 *Cordova, A. de.* A voyage of discovery to the Strait of Magellan, with an account of the manners . . . of the inhabitants and of the natural productions of Patagonia. From the Spanish. London, 1820. 8°. 104 pp. 7 pl.

PEABODY INSTITUTE, BALTIMORE. AR 8574 j

858/* *Lind, E. G.,* and *Murdoch, W. T.* Drawings of the Peabody Institute, Baltimore, presented to the founder George Peabody. Baltimore, 1858. fol.

Peerage, British. *See* Genealogy (*United Kingdom*). AE 83

PERIODICAL PUBLICATIONS: GENERAL (*Bibliography*). AH 32

859** *Smithsonian Institution.* Catalogue of publications of societies and of other periodical works, etc. July 1, 1858. Foreign works. Washington, 1859. 8°. 259 pp.

859** —— Jan. 1, 1866. Washington, 1866. 8°. 591 pp.

1885. *British Museum.* Catalogue of printed books. Academies. Parts I.-V. and index. London. 4°. 1,018 cols. + index 100 cols. AH 10/

—— —— Periodical publications, Part 1-6 and index. London. fol. 1,210 + 364 cols. AH 10/

Includes English, Scotch, and Irish newspapers before 1700 [1800?].

901 *U.S. Congress* (*Library*). A union list of periodicals, transactions, etc., currently received in the principal libraries of the district of Columbia. Compiled by A. P. C. Griffin. Washington, 1901. 8°. 10 pp. 315 ll.

1899-1900, etc. *British Museum.* Catalogue of Printed Books. Periodical publications. [New ed.] London. fol. 1,716 cols. + index 508 cols. AH 10/

Includes English, Scotch, and Irish newspapers prior to 1700 [1800?].

906 *Crerar* (*John*) *Library.* Supplement to the List of Serials in Public Libraries of Chicago and Evanston. 2nd ed. With a bibliography of union lists of serials. Chicago, 1906. 8°. 230 + 28 pp.

PERIODICAL PUBLICATIONS: GENERAL (*History*). AH 30

1866. *Hatin, E.* Bibliographie historique et critique de la presse périodique francaise . . . précédé d'un essai historique et statistique sur la naissance . . . de la presse périodique dans les deux mondes. Paris. 8°. 117 + 660 pp. Portr. AG i**

PERIODICAL PUBLICATIONS: GENERAL (*Indexes*). AH 40

*694** *Beughem, C. d.* Bibliographiæ eruditorum criticocurioseæ sive apparatus ad historiam literariam novissimam conspectus secundus. Accedit dispositio altera autorum et operum, etc. Amstelodami, 1694. 12°. 483 pp.

An Author index to the contents of Academy and other publications.

*853** *Poole, W. F.* An index to periodical literature. New York, 1853. 8°. 532 pp.

Periodical publications, national: lists and directories. *See* Bibliography, National. AG 10–99 (*Div. i. Periodical and society publications, etc.*).

Periodical publications, specific; Bibliography. *See under* names of subjects (*Bibliography*).

PERSIA. AR 635

1867. *Rous, M.* La Perse. *Lacroix, E.* Études sur l'Exposition de 1867. Vol. 4. 8°. pp. 303–321. 1 pl. AB 867 t

1873. *Polak, J. E.* Persien. 52 pp. Vienna Universal Exhibition, 1873. Officieller Ausstellungs-Bericht. Heft 14. 8°. AB 873 v

PERSIAN AND ENGLISH DICTIONARIES. AA 05

852 *Johnson, F.* A dictionary, Persian, Arabic, English. London, 1852. 4°. 1,424 pp.

A lexicon of Arabic terms so far as these have been used in Persian literature.

906 *Palmer, E. H.* [i.] A concise dictionary of the Persian language. 7th imp. [ii.] A concise dictionary, English-Persian . . . completed and edited by G. Le Strange. 3rd imp. London, 1906. 2 vols. sm. 8°.

PHILIPPINE ISLANDS (*Bibliography*). AR 6811 a

*903** *U.S. Congress* (*Library*). A list of books (with references to periodicals) on the Philippine Islands, in the Library of Congress, by A. P. C. Griffin. With chronological list of maps . . . by P. L. Phillips. Washington, 1903. 8°. 412 pp.

*903** —— Biblioteca Filipina Por T. H. Pardo de Tavera. Washington, 1903. 8°. 439 pp.

PHILOSOPHERS: LIVES. BC 02

726* *Éloges* et caractères des philosophes les plus célèbres depuis la naissance de Jésus-Christ, etc. Paris, *H. S. P. Gissey*, 1726. sm. 8. 420 pp.

870* *Göll, H.* Das gelehrte Alterthum [lives of philosophers]. Leipzig, 1870. 8°. 400 pp. 18 pl.

PHILOSOPHY (*History*). BC 01

818* *Chronological* and historical assistant to a course of lectures on the history of philosophy from Thales. [London, *Adlard and Sons*, printers, 1818.] 8°. 15 pp.

858 *Whewell, W.* History of scientific ideas. Being the first part of the Philosophy of the Inductive Sciences. 3rd ed. London, 1858. 2 vols. 8°.

1903. *Laminne, J.* Les quatre éléments, le feu, l'air, l'eau, la terre. Histoire d'une hypothèse. 194 pp. *Acad. Roy. des Sciences, etc. de Belgique.* Mémoires in 8°. Tome 65. 1904. B 22: 840

PHILOSOPHY (*General treatises*). BC 08

644** *Digby, Sir K.* Of bodies, and of man's soul. To discover the immortality of reasonable souls. With two discourses of the powder of sympathy, and of the vegetation of plants. [1644-60.] London, 1669. 4°. 2 pts.

With separate title to each treatise.

656** *White, T.* Peripateticall institutions. In the way of . . . Sir Kenelm Digby. Also, a theological appendix of the beginning of the world. London, 1656. 12°. 454 pp.

656** *Pinnell, H.* Philosophy reformed . . . in four tractates: [i. Mysteries of nature, by O. Croll; ii.-iv. Mysteries of the creation of Paracelsus, being his Philosophy to the Athenians]. London, 1656-57. 2 pts, 8°.

668/* *Newcastle, Margaret, Duchess of.* Observations upon experimental philosophy. 2nd ed. London, 1668. fol. 74 + 392 pp.

673** *Gletle, J. A.* Theses philosophicæ de animâ. Augsburg, 1673. 12°. 46 pp.

677** *Simpson, W.* Philosophical dialogues concerning the principles of natural bodies. London, 1677. 12°. 184 pp.

PHILOSOPHY (*General treatises*)—continued.

*685*** *Helmont, F. M. van.* The paradoxal discourses concerning the macrocosm and microcosm, or the greater and lesser world, and their union. By J. B. London, 1685. 2 pts. 8°.

*687*** *New* treatise of natural philosophy, free'd from the intricacies of the schools. Adorned with many curious experiments both medicinal and chymical, as also with several observations useful for the health of the body. London, *J. Hindmarsh*, 1687. 12°. 353 pp.

[1740-43]. *Sulzer, J. G.* Versuch einiger moralischen Betrachtungen über die Werke der Natur. Vorrede von A. F. W. Sack. 2te Aufl. Berlin, 1750. 8°. 24 + 88 pp. AC 019*

*743** *Parker, B.* Philosophical dissertations. 3rd ed. Added three philosophical dissertations. London, 1743. 8°. 64 pp.

1750. [*Sulzer, J. G.*] Unterredungen über die Schönheit der Natur. Berlin. 12°. 32 + 148 pp. AC 019*

*797** *Okely, W.* Pyrology: or the connection between natural and moral philosophy: with a short disquisition on the origin of Christianity. London, 1797. 8°. 16 + 8-374 pp. 1 pl.

*818/** *Essays* on scientific subjects. i. Scientific aphorisms. An attempt to establish fixed principles of science, and to explain from them the general nature of the constitution and mechanism of the material system, and the dependance of that system on mind. Edinburg, *Macredie & Co.*, 1818. 2 pts. 4°.

1818. *Field, G.* ΔΙΑΝΟΙΑ. The third organon attempted; or elements of logic and subjective philosophy. 22 pp. *Pamphleteer.* Excerpta. No. 38. 8°. (5,514)

1819. —— The analogy of the physical sciences indicated. 21 pp. *Pamphleteer.* Excerpta. No. 39. 8°. (5,514)

*856** *Nomos:* An attempt to demonstrate a central physical law in nature. London, *Longman, Brown, etc.*, 1856. 8°. 214 pp.

870 *Clifford, W. K.* Lectures and essays. [1870-78.] 2nd ed. London, 1886. 8°. 451 pp. Portr.
Memoir, pp. 1-32.

*881** *Büchner, L.* Force and matter: empirico-philosophical studies intelligibly rendered. 3rd English ed. London, 1881. 8°. 290 pp.

*888** *Pellis, É.* La philosophie de la mécanique. Paris, 1888. 8°.

PHILOSOPHY: SCHOOLS—DESCARTES. BC 44

637** *Descartes, R. du P.* Opera philosophica. [1637-50.] [i. Principia philosophiæ; ii. Dissertatio de methodo; Dioptricé; Meteora; iii. De passionibus animæ.] Ed. quarta. Amsterdam, 1664. 3 pts. 4°.

684** *Recueil* de quelques pièces curieuses concernant la philosophie de M. Descartes. [By Pierre Bayle.] Added, Méditations sur la métaphysique par G. Wander [*i.e.*, L'Abbé de Lanion]. Amsterdam, *H. Desbordes*, 1684. 12°. 354 pp.

691** *Voyage* du monde de Descartes. [By G. Daniel.] Paris, *S. Benard, Veuve*, 1691. 12°. 324 pp.

694** *Iter* per mundum Cartesii. [By G. Daniel. Transl.—Juvency.] Amsterdam, *A. Wolfgang*, 1694. 12°. 307 pp.

PHILOSOPHY: SCHOOLS—OERSTED. BC 55

800* *Oersted, H. C.* The soul in nature. With supplementary contributions. From the German. London, 1852. 8°. xlv. + 465 pp.

Essays on Æsthetic philosophy, interrelation of Theology and Science.

PHILOSOPHY: SCHOOLS—SWEDENBORG. BC 59

734/* *Swedenborg, E.* Opera philosophica et mineralia. Vol. i. Principia rerum naturalium sive novorum tentaminum phænomena mundi elementaris philosophice explicandi. Dresden, 1734. 3 vols. fol.

734 —— The Principia; or, the first principles of natural things, being new attempts towards an explanation of the elementary world. From the Latin, by A. Clissold. Vol. i. London, 1845. 8°. 402 pp.

PHILOSOPHY: MATERIALISM AND SPIRITUALISM BC 86

896 *Pictet, R. P.* Étude critique du matérialisme et du spiritualisme par la physique expérimentale. Genéve, 1896. 8°. 616 pp. 2 pl.

Photographic literature, classification. *See* Book classification: Photography. AN 66 ho

Phraseological dictionaries. *See under* Name of language. AA 01-90, (*Div. i., Phraseological.*)

Phraseological dictionaries, bilingual and polyglot. *See* Commercial correspondence. AB 01

PHRENOLOGY. BB 90

1815. *Forster, T. I. M.* Sketch of the new anatomy and physiology of the brain and nervous system of Drs. Gall and Spurzheim, considered as comprehending a complete system of phrenology. 26 pp. *Pamphleteer.* Excerpta. [No. xxxvia.] 8°. (5,514)

*z 825** *Treatise* on naval discipline [and] phrenology. Added, Phrenological deductions from the cerebral development of J[osep]h H[um]e. [By Sir John Ross?] London, *Longman & Co.*, 1825. 8°. 40 pp. 1 pl.

Physics, literature, classification. *See* Book classification: Physics. AN 66 hy

PHYSIOGNOMY. BB 70

*584** *Arcandam, pseud.* [His] . . . book to finde the fatall destiny, constellation, complexion, and naturall inclination of every man and childe by his birth; with an addition of physiognomy, etc. Turned out of French by W. Warde. London, 1649. sm. 8°. Sigs. A–M 4

Original published 1584.

*615** *Fuchs, S.* Metoposcopia et ophthalmoscopia. Strasburg, *T. Glaser*, 1615. 8°. 156 pp.

1697. *Evelyn, J.* Numismata. Added, a digression concerning physiognomy. London. 4°. pp. 292–342. AO 61/*

*800** *Lavater, Sue, Pierre, and Co., pseud.* Lavater's looking-glass; or essays on the face of animated nature, from man to plants. London, 1800. 8°. 228 pp.

*834** *Ottin, N. J.* Précis analytique et raisonné du système de Lavater sur les signes physiognomiques. Bruxelles, 1834 [1833]. 8°. 444 pp. 24 pl.

*838** *Lavater, J. C.*, and *Chaussier, F.* Manuel du physionomiste et phrenologiste. Paris, 1838. 18°. 304 pp. 4 pl.

*843** *Nouveau* manuel du physionomiste des dames . . . d'après le système de Lavater, Porta, Cureau de la Chambre et Camper. Par un Amateur. Paris, *Roret*, 1843. 12°.

885 *Warner, F.* Physical expression, its modes and principles. London, 1885. sm. 8°. 392 pp.

PHYSIOGNOMY: MOLES, FACIAL. BB 73

632** *Finella, F.* Libri tres nevorum. Antwerp, 1632. 284 pp. 8°.

PITTSBURGH. AR 85487

886* *Thurston, G. H.* Pittsburgh's progress, industries and resources. Pittsburgh, Pa., 1886. 8°. 248 pp.

PLASTIC COMPOSITIONS AND IMITATION SUBSTANCES. AB 38

1874. *Hartmann, L.* Arbeiten aus Meerschaum, Schildpatt, etc., Stöcke und Peitschen. Bericht. 2te Aufl. *Vienna Universal Exhibition*, 1873. Officieller Bericht. Heft 47. pp. 1-3. 8°. AB 873 r

883 *Lehner, S.* Die Imitationen. Eine Anleitung zur Nachahmung von Natur-und Kunst-Producten als Elfenbein, Schildpatt, Perlen und Perlmutter . . . Sowie zur Anfertigung von Kunst-Steinmassen, Nachbildungen von Holzschnitzereien, Bildhauer-Arbeiten, etc. Wien, 1883. sm. 8°. 260 pp.

1883. *Luhmann, E.* Die Fabrikation der Dachpappe und der Anstrichmasse für Pappdächer, in Verbindung mit der Theerdistillation. Nebst Anfertigung aller Arten von Pappbedachungen und Asphaltirungen. Wien, 1883. sm. 8°. 244 pp. (9,849)

885 *Andés, L. E.* Die Verarbeitung des Hornes, Elfenbeins, Schildpatts, der Knochen und der Perlmutter. Wien, 1885. 8°. 220 pp.

887 *Höfer, J.* Die Fabrikation künstlicher plastischer Massen. Wien, 1887. sm. 8°. 287 pp.

907 *Winzer, A.* Papiermaché und Zelluloid. 4te Aufl. Leipzig, 1907. 8°. 87 pp.

POLISH AND ENGLISH DICTIONARIES. AA 23

874 *Chodzko, A.* A complete dictionary, English and Polish and Polish and English. 2nd ed. Berlin, 1874. 2 vols. in one. l. 8°.

Political economy. *See* Economic and Political Science. AT 97-99

POLYGLOT DICTIONARIES. AA 96

627/ *Minsheu, J.* Minshaei Emendatio, etc. [title in Latin and English]. The guide into the tongues: with their agreement and concert, etc., in these nine languages, viz.: 1. English; 2. Low Dutch; 3. High Dutch; 4. French; 5. Italian; 6. Spanish; 7. Latine; 8. Greeke; 9. Hebrew; etc. 2nd ed. London, 1627. f l. 2 ll. 760 col.

725 [*Andree, R. J.*] A vocabulary in six languages; viz., English, Latin, Italian, French, Spanish, and Portuguese after a new method. London, 1725. 8°. 202 pp.

855 *Elwes, A.* A concise dictionary of the Italian, English, and French languages. London, 1855. 3 vols. in one. 12°.

864 *Calligaris, L.* Le compagnon de tous, ou dictionnaire polyglotte. [Fr.- Lat.- Ital.- Espagn.- Port.- All.- Angl.- Grec. mod.- Arabe.- Turc.] Partie supplementaire contenant les vocubalaires Latin-fr; Ital.-fr.; Esp.-fr; Port.-fr: All.-fr; Angl.-fr; Grec.-fr.] Turin, 1864-70. 2 vols. 4°

874 *Reiff, C. P.* New parallel dictionaries of the Russian, French, German, and English languages. In four parts. [Pt. 4. English-Russian, etc.] 3rd ed. Carlsruhe, etc., 1874. 8°. 888 pp.

POMPEII AND DISTRICT (*Antiquities*). AR 3568 1

755* *Cochin, C. N.*, and *Bellicard, J. C.* Observations sur les antiquités d'Herculanum; avec quelques réflexions sur la peinture et la sculpture des anciens, etc. 2e éd. Paris, 1755. 8°. 148 pp. 40 pl.

762* *Winckelman, J. J.* Critical account of the situation and destruction, by the first eruption of Vesuvius, of Herculaneum, Pompeii, and Stabia. From the German, with notes from the French translation. London, 1771. 8°. 131 pp.

German ed. 1762.

773/* *Martyn, T.*, and *Lettice, J.* The antiquities of Herculaneum. From the Italian. London, 1773. 4°. 321 pp. 50 pl.

824** *Gell, Sir W.*, and *Gandy, J. P.* Pompeiana. New ed. London, 1824. 2 vols. 8°.

837** *Gell, Sir W.* Pompeiana: the topography, edifices and ornaments of Pompeii. The result of excavations since 1819. London, 1837. 2 vols. 8°.

In continuation of preceding work

POMPEII AND DISTRICT (*Antiquities*)—continued.

*854** *Crystal Palace Co.* The Pompeian Court in the Crystal Palace. Described by G. Scharf. Sydenham, 1854. sm. 8°. 73 pp. 2 plans.

854|| *Niccolini, F.*, and *Niccolini, F.* Le case ed i monumenti di Pompei, disegnati e descritti. Napoli, [1854-81?]. fol. 95 pp. 62 pl. *Imperfect.*

PORTO RICO (*Bibliography*). AR 975 a

901 *U.S. Congress* (*Library*). A list of books (with references to periodicals) on Porto Rico. Washington, 1901. 8°. 55 pp.

PORTRAITS (*Catalogues and Indexes*). AD 64

*854** *Crystal Palace Co.* The portrait gallery of the Crystal Palace. By S. Phillips. Sydenham, 1854. sm. 8°. 238 pp.

PORTRAITS: ENGLISH (*Collections*). AD 837

*793** *Bromley, H.* A catalogue of engraved British portraits, from Egbert the Great to the present time. London, 1793. 4°. 631 pp.

*835** *Lodge, E.* Portraits of illustrious personages of Great Britain . . . with biographical and historical memoirs, etc. London, 1835. 12 vols.

Portraits of classes of individuals, etc. *See* under subject headings.

PORTUGAL: INDUSTRIES. AR 41 1

z 855 *Paris Universal Exhibition*, 1855. Le Portugal et ses Colonies. [Catalogue du Portugal.] Paris, 1855. 8°. 16 pp.

*855** *Paris Universal Exhibition: Portuguese Comm.* Relatorio, etc. Lisboa, 1855. 2 vols. 8°.

*862** *London International Exhibition*, 1862: *Portuguese Comm.* Industrial Catalogue. Lisbon, 1862. 4°. 2 pts. in one.

PORTUGUESE AND ENGLISH DICTIONARIES. AA 13

813 *Vieyra, A.* A dictionary of the Portuguese and English languages. New ed. By J. P. Aillaud. London, 1813. 2 vols. 8°.

873 —— Novo diccionario portatil das linguas Portugueza e Ingleza em duas partes. Resumido do Diccionario de Vieyra. Nova ed. por J. P. Aillaud. Paris, 1873. 2 vols. 24°.

880 —— Novo diccionario portatil das linguas Portugueza e Ingleza em duas partes. Nova ed. London, [183?]. 2 vols. 24°.

888 *Elwes, A.* A dictionary of the Portuguese language in two parts. 2nd ed. London, 1888. 12°. 610 pp.

893 *Michaelis, H.* A new dictionary of the Portuguese and English languages. Based upon a MS. of J. Cornet. London, 1893. 2 vols. 8°.

Portuguese and French Dictonaries. *See* French and Portuguese Dictionaries. AA 11 kp

Portuguese Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96

Postal stamps. *See* Stamps, Postage. AV 10

POSTAL, TELEGRAPHIC, ETC., COMMUNICATION. AV 05

*730** *Usage* des postes chez les anciens et les modernes. Nouv. éd. [By J. Le Quien de la Neufville.] Paris, *L. D. Delatour*, 1730. sm. 8°. 510 pp.

*819** *Burgess, H.* A plan for obtaining a more speedy postage communication between London and the distant parts of the kingdom. London, 1819. 8°. 68 pp. 1 pl.

*836** *Establishment.* The establishment of a general packet station on the south-west coast of Ireland, etc. London, *Baldwin and Cradock*, 1836. 8°. 32 pp. 1 map.

*838** *Macqueen, J.* A general plan for a mail communication by steam between Great Britain and the Eastern and Western parts of the World, etc. London, 1838. 8°. 144 pp. 2 maps.

1848. *Leavitt, T. H.* Cheap postage. Remarks and statistics on the subject of cheap postage and postal reform in Great Britain and the United States. Boston, Mass. 8°. 72 pp. (13,533)

With other pamphlets on U.S. Postal practice.

POSTAL, TELEGRAPHIC, ETC., COMMUNICATION—*continued.*

865. *Lewins, W.* Her Majesty's mails: a history of the Post Office and an industrial account of its present condition. 2nd ed. London, 1865. sm. 8°. 352 pp. portr. of R. Hill.

*874** *Stephan, —.* Weltpost und Luftschiffahrt. Ein Vortrag. Berlin, 1874. 8°. 80 pp.

1880. *Hill, Sir R.,* and *Hill, G. B.* Life of Sir Rowland Hill and history of penny postage. London. 2 vols. 8°. AD 62

*887** *Geistbeck, M.* Der Weltverkehr. Telegraphie und Post, Eisenbahnen und Schiffahrt in ihrer Entwickelung dargestellt. Freiberg, 1887. 8°. 507 pp. 33 maps.

1901. *Schmücker, D. E.* Posten und Postwesen. *Buch.* Das Buch der Erfindungen, etc. 9te Aufl. Band 10. pp. 1-88. 2 pl. 8°. AB 55

POSTAL, TELEGRAPHIC, ETC., COMMUNICATION (*Periodical Publications*). AV 06

1865–94. *Bullettino Telegrafico.* [Later, *Bullettino del Ministero delle Poste, etc.*] Torino, etc. D 60: 865

1889, etc. *Archiv für Post und Telegraphie.* Beiheft zum Amtsblatt des Reichs-Postamts. Berlin. D 60: 889

PRECIOUS METALS, ECONOMICS (*General treatises*). AW 141

*743** *Fabry, J. A.* Compendiosa demostracion de los crecidos adelantamientos, que pudiera lograr la Real Hacienda de su Magestad mediante la rebaja en el precio del azogue, etc. Mexico, 1743. sm. 4°. 38 ll. and 178 pp.

*831** *Jacob, W.* An historical inquiry into the production and consumption of the precious metals. London, 1831. 2 vols. 8°.

*846** *Chevalier, M.* Des mines d'argent et d'or du Nouveau-Monde. Paris, 1846. 8°. 116 pp.

Inserted at end, "De la production et de la démonétisation de l'or." [By L. Faucher. Excerpt. 1857.] pp. 706-60.

*852** *Faucher, L.* Remarks on the production of the precious metals and the demonitization of gold in Europe. From the French by T. Hankey. London, 1852. 8°. 100 pp.

*852** *Ward, J.* A history of gold as a commodity and measure of value. London, 1852. 12°. 144 pp. Map.

PRECIOUS METALS, ECONOMICS (*General Treatises*)—continued.

*869** *Blake, W. P.* The production of the precious metals. [Statistics—unification of gold and silver coinage.] New York, 1869. 8°. 370 pp. Diagr.

*880** *Del Mar, A.* A history of the precious metals from the earliest times to the present. London, 1880. 8°. 393 pp.

*887/** *Parliament.* Gold and silver Commission. Reports, etc. London, 1887. 4 pts. fol.

1889–90 *Roswag, C.* L'argent et l'or. Production, consommation et circulation des métaux précieux. [Tome ii. Consommation.] Nouv. éd. Paris, 1889–90. 2 vols. 8°. (22,413)

902 *Del Mar, A.* A history of the precious metals from the earliest times to the present. 2nd ed. [With Appendix.] New York, 1902. 8°. 508 pp.
Bibliography; pp. xi.-xxii.

PRECIOUS METALS, ECONOMICS (*Periodicals*). AW 1415

1884, etc. *United States Director of the Mint.* Reports upon the production of the precious metals in the United States. Washington. C 80: 884

Prehistoric Anthropology. *See* Anthropology, Prehistoric. AP 40

PRICES, HISTORY OF. AT 50

1873. *Inama- Sternegg, C. T. von.* Beiträge zur Geschichte der Preise. 47 pp. *Vienna Univ. Exhibition*, 1873. Officieller Ausstellungs-Bericht. Heft 22. 8°. AB 873 R

Primitive industries. *See* Anthropology: primitive industries. AP 50

PRINCE EDWARD ISLAND. AR 8295

*z 862** *London International Exhibition: Prince Edward Island.* Prince Edward Island: a British Colony . . . its resources and prospects. London, 1862. 12°. 31 pp.

Printing Clubs, National, Bibliography. *See* Bibliography, National. AG 10-99. (*Div. i. Periodical and Society Publications, etc.*)

Printing, embossed for the blind. *See* Blind: Embossed printing for. AV 6243

PROSPECTUSES. AZ 26

891[**] "*Times*" (The). Issues 1891, etc. A reprint of prospectuses of Public Companies advertised in the "Times.". London. 4°.

895[**] *Collectanea.* A collection of Patent circulars, Prospectuses, etc. 1895, etc. fol.

Pseudonymous literature. *See* Anonyms and Pseudonyms. AH 80-85

Publishers' Catalogues, etc. *See* Bibliography, National. AG-AG 99 (*Div. e.—Publishers' catalogues*).

QUEBEC (PROVINCE). AR 827

820[*] *Sansom, J.* Travels in Lower Canada. London, 1820. 8°. 120 pp. 1 pl.

900[*] *Quebec, Prov. of: Dep't. of Agriculture.* La Province de Québec. Québec, 1900. 8°. 352 pp. Map.

QUEENSLAND (*Bibliography*). AR 215 1

899[*] *International Catalogue of Scientific Literature.* Queensland volume. By J. Shirley. Brisbane, 1899. 8°. 160 pp.

QUEENSLAND: INDUSTRIES. AR 215 1

862[*] *London International Exhibition*, 1862: *Queensland Commission.* Catalogue of the natural and industrial products of Queensland. London, 1862. 8°. 48 pp.

867[*] *Paris Univ. Exhibition*, 1867: *Queensland Comm.* Catalogue of the natural and industrial products of Queensland. [Chiefly Specimens of woods.] London, 1867. 8°. 44 pp.

886[*] *Earle, H.* The commerce and industries of Queensland. *Colonial and Indian Exhibition*, 1886. Queensland. Reports, etc. London, 1886. 8°. 26 pp. Map.

RACK. AV 672

1664. *Maggi, G.*, or *Magius, H.* De equuleo liber postumus. Cum notis G. Jungermanni. Amsterdam. 24°. 242 pp. Ill. (3,159)

—— —— Same. Another edition. *In his* De tintinnabulis liber postumus. 1689. 12°. 11 ll. pp. 201-410. Illus. (4,888

Railways, literature, classification. *See* Book Classification: Railways. AN 68 ai

RAIMUND THEATRE, VIENNA. AR 561 j

*z 892** *Bessel, G. A.* Das Raimund-Theater. [Sonder-Abdruck.] Wien, 1892. 8°. 8 pp.

READING, TEACHING: ACCENT AND INFLEXION. BE 5515

*775** *Steele, J.* An essay towards establishing the melody and measure of speech to be expressed by peculiar symbols. London, 1775. 4°. 215 pp.

RECEIPT BOOKS. AB 40

1882. *Ferguson, J.* Bibliographical notes on histories of inventions and books of secrets. Part 1-6, 1882-88; Index, 1898. [Supplement Part 1-4, 1894-98. *In progress.*] —— Glasgow, 1882, etc. 4°. AB 51

1906. *Berthelot, M. P. E.* Archéologie et histoire des sciences. [pp. 165-172. Sur les recettes techniques et alchimiques transcrites à la fin de divers manuscrits latins du moyen âge.] Paris. 4°. (32,690)

---

*532** *Opera* nova intitolata Dificio de ricette, nella quale si contengono tre utilissimi ricettari, etc. [Vinegia, *per Giouantonio et i fratelli da Sabio*, 1532.] 4°. 18 ll. Woodcuts on back of ll. 1 and 15.

1st ed. 1529.

*559** *Alexis.* The secretes of . . . Alexis. From the French by W. Warde. [Receipts in medicine, distillation, etc.] London, 1559-66. 3 pts. (with separate foliation). sm. 4°.

Pt. by H. Sutton; Pt. 2 by R. Hall for N. Englande, 1562; Pt. 3 by H. Denham for J. Wyght.

*559** —— Same. [From the Italian. Book 1-3 by W. Warde, 4-5 by R. Ambrose.] London, *W. Stansby*, 1614. 5 pts in four. sm. 4°. 368 ll.

*559** —— Kunstbuch . . . von mancherleyen . . . Secreten oder Künsten, jetzt newlich auss Welscher und Lateinischer Sprach ins Teutsch gebracht durch H. J. Wecker. Basel, 1616. 2 vols. in one. sm. 8°.

*559** —— Les secrets du Seigneur Alexis Piemontois. Rouen, *J. Berthelin*, 1637. 8°. 745 pp.

*559** —— Les secrets du Seigneur Alexis Piemontois. Rouen, *J. Lucas*, 1671. 8°. 615 pp.

RECEIPT BOOKS—*continued.*

*561*** *Cortese, I.* I secreti . . . ne quali si contengono cose minerali, medicinali, artefiçiose e alchimiche. Et molte de l'arte profumatoria, appartenenti a ogni gran Signora. Di nuovo ristampati, etc. Venetia, *Heredi di Jac. Simbeni.* 1588. sm. 8°. 222 pp.

Chiefly Cosmetical. First published in 1561?

1563. *Helmreich, A.* Ein gründliche und köstlich Kunstbüchlein, wie man auff Marmelstein, Kuppfer, Messing, Zihn, Stahl, Eisen, Harnisch und Waffen, etc., etzen, und künstlich vergülden soll mit vorgehendembericht wie man Dinten, Presilgen und alle Methalfarben zum schreiben . . . machen soll. [Eisleben, *durch Urbam Gaubisch.*] sm. 8°. 37 ll. (30,077)

*568*** *Fioravanti, L.* De' secreti rationali. Libri cinque. Venetia, 1640. sm. 8°. 24 + 190 ll.

*586*** *Hill, T.* Naturall and artificiall conclusions. [From the Latin by T. H. New ed.] London, 1650. sm. 8°. 54 ll.

Contains 146 receipts.

*595*** *Thousand.* A thousand notable things, on various subjects. [By T. Lupton.] London, *J. Wilkie*, 1776. sm. 8°. 268 pp.

*595*** —— Same. London, *G. and T. Wilkie*, 1791. 12°. 276 pp.

*652*** *Auda, D.* Breve compendio di maravigliosi secreti rationali, cavati d'approvati autori praticati . . . nell' indispositioni & infirmita corporali. Diviso in quattro libri . . . con un trattato . . . per conservarsi in sanita. Roma, 1652. sm. 8°. 299 pp.

Medical and general receipts.

*668*** *Digby, Sir K.* Choice and experimental receipts in physick and chirurgery, as also cordial and distilled waters and spirits, perfumes, etc. Translated out of several languages by G. H[artman]. London, 1668. sm. 8°. 325 pp. ports.

*668*** *White, J.* A rich cabinet, with variety of inventions. 4th ed. London, 1668. sm. 8°. 202 pp.

*674*** *Emery, [A.] d'.* Recueil de curiositez rares et nouvelles, des plus admirables effets de la nature. Paris, 1674. sm. 8°. 406 pp.

A Sieur d'Emery flourished in the 16th cent.

*674*** *Lemery, Sieur.* Modern curiosities of art and nature . . . together with the choicest secrets in mechanics. From the French [of A. d'Emery]. London, *M. Gillflower*, 1685. 12°. 395 pp. [*Preface signed* G. M.]

Attributed by the translator in error to Nicholas Lemery.

RECEIPT BOOKS—*continued.*

674** *Emery, A. d'.* Nouveau recueil de curiositez les plus rares et admirables de tous les effects, que l'art et la nature sont capables de produire. Éd. . . . enrichie de tailles-douces. Suivant la copie de Paris. Partie 1e et 2e. Leyde, 1688. 2 vols. in one. 12°.

674** *Lemery, Sieur.* New curiosities in art and nature. From the 7th ed. London, 1711. 8°. 384 pp.

Attributed in error to N. Lemery. The work is a transl. of the 1709 Amsterdam edition of the preceding work.

677** *W[hite], J.* A rich cabinet, with variety of inventions; unlock'd . . . Being receipts and conceits of several natures . . . fireworks . . . experiments in drawing, painting, arithmetik, etc. Likewise directions for ringing the most usual peals, etc. 5th ed. London 1677. 8°. 245 pp.

677** —— Hocus pocus: or, a rich cabinet of legerdemain curiosities, natural and artificial conclusions. London, [1715?]. 12°. 72 pp.

Chapbook.

688** —— Art's treasury of rarities and curious inventions. 5th ed. London, *G. Conyers*, [1770?]. 12°. 84 pp.

Orig. ed. 1688.

697** *Schatz-Kammer* rarer und neuer Curiositäten, in den allerwunderbaresten Würckungen der Natur und Kunst. 4te Druck jetzo mit dem dritten Theil . . . vermehret. [Appendix.] [Hochteutsch über. durch J. L. M. C.] Hamburg, 1697. sm. 8°. 68[illegible] pp.

700** *England.* England's improvement in many rare secrets. London, *T. Norris*, [170?]. 8°. 16 pp.

702** *Neu-eröffnete* Kunst- und Schatzkammer rarer und neuer Curiositæten von der allerwunderbaresten Würckungen der Natur und Kunst, etc. [5te Aufl.] Hamburg, *B. Schiller*, 170[illegible]. sm. 8°. 996 pp. Front.

Receipts grouped under 26 chapters. Chap. 8 deals with alchemical preparations.

703** *S., T.* [i.e., *T. Snow.*]. Art's improvement; or, choice experiments and observations in building . . . mechanics, chemistry, painting . . . preserving. London, *D. Brown*, 1703. 8°. 295 pp. [8 pp. following p. 96 omitted in pagination.]

A re-issue of T. Snow's Apopiroscopia, published in 1702, with new title page. The work is divided into four sections, mechanical, agricultural, conservatical, and ludicrous. The sources of information are generally stated.

703** —— Same. London, *D.* and *J. Browne*, 1715. 8°.

The same, with new title page only.

RECEIPT BOOKS—*continued.*

710** *Curiose Künstler (der).* Der zu vielen Wissenschaften dienstlich-anweisende und von neuen wieder aufgelegte Curiose-Künstler vorgestellet in einem neuverfertigten und in zwey Theil eingerichteten Kunst-Haus-Artzney- und Wunder-Buch. Nürnberg, 1710. 4°. 1,006 pp. [1st ed. 1703].

716** *Secrets* concernants les arts et métiers. Nouv. éd. Bruxelles, *Par la Compagnie*, 1747. 2 vols. 12°.

Tome 1 is a dictionary of receipts; Tome 2 is a single treatise entitled "Le Teinturier parfait." Orig. ed. published at Paris in one vol. in 1716. A 2nd ed. in 2 vols. at Nancy in 1721.

—— *Valuable* secrets in arts and trades; or, approved directions from the best artists. Containing upwards of one thousand approved receipts. New ed. London, *J. Barker*, etc. [n. d. c. 1775] sm. 8°. 359 pp.

—— Same. [Another issue]. London, *J. Barker*, etc. [n. d. c. 1775] sm. 8°. 359 pp.

734** *K., J.* Neu-eröffnete guldene Kunst-Pforte, zu allerhand raren Curiositäten, Kunst und Wissenschaften. [New ed.] Nürnberg, 1734. sm. 8°. 918 pp.

737** *Godfrey, B.* Miscellanea vere utilia; or miscellaneous experiments and observations on various subjects. In three parts. 2nd ed. London, 1737. 8°. 160 pp.

Part 1 foods; 2 pharmacy; 3 Chemistry.

738** [*Smith, G.*]. The laboratory, or school of arts. From the German. London, 1738. 8°. 256 pp. 5 pl.

Receipts in part selected from the "Neu-eröffnete Kunst- und Schatzkammer," *supra.*

746** *Godfrey, B.* A treasure of useful discoveries. In two parts. Dublin, 1746. 8°. (in fours). 316 pp. 1 pl

A re-issue of his work in 1737, re-arranged with additional matter.

750** *Fountain.* The fountain of knowledge, or British legacy. London, *Bailey*, printer, [1750]. 8°. (in fours). 130 pp.

Receipts in domestic economy, cock-fighting, etc.? By P. Montague, compiler of "The Family Pocket-book" [1760?], *below.*

754** *Gentleman.* The Gentleman's, Travellers', Husbandman's, and Gardener's Pocket-Companion. [i. The Compleat Vermin-Killer; ii. The Gardener's Pocket-Book; by B.S.] London, *W. Owen*, 1754. 2 vols. in one. 12°.

760** *Montague, P.* The family pocket-book, fountain of . . . knowledge containing the farrier's guide, etc. London. [1760?] 8°. 162 pp.

Incorporates the "Fountain of . . . knowledge" [1750]

RECEIPT BOOKS—*continued.*

*768*** *Albert.* L'Albert moderne, ou nouveaux secrets éprouvés et licites, recueillies d'aprés les découvertes les plus récentes. Le tout divisé en trois parties, etc. [By P. A. Alletz and Guy]. Paris, *Duchesne*, 1768. 12°. 456 pp.

*768*** —— The same. [Another edition.] Paris, *Duchesne*, 1776. sm. 8°. 356 pp.

*769*** *Secrets.* Les secrets de la nature et de l'art, développés pour les alimens, la médecine, l'art vétérinaire et les arts et métiers. [Tome 4, Arts et métiers.] Paris, *Durand*. 4 vols. 12°.

Professedly modern receipts from journals and books.

*782*** *Buch'oz, P. J.* Recueil des secrets, à l'usage des artistes. [*Tome* 1, *all pub'*.] Paris, [1782]. 12°. 352 pp. (35,106)

Intended as an annual publication.

*790*** *New.* The new handmaid to arts, sciences, agriculture, etc. Added, a curious collection of miscellaneous articles. London, *W. Clements* and *J. Sadler*, 1790. 122 pp.

Receipts relate to husbandry, vermin killing, fine arts, etc.

*790*** *Receipts* of different concerns. MS. [*c.* 1790.] 12°. 61 ll. + table A-Z.

*799*** *Smith, G.* The Laboratory; or school of Arts. 6th ed. London, 1799. 2 vols. 8°.

*800*** *Curious* and useful miscellaneous articles. No. i-xx. [*A collection of receipts in the arts.*] [London? 180 ?] 8°. 184 pp. 3 pl.

Form part of a larger work on the fine arts.

*810*** *School.* The school of arts or fountain of knowledge, containing several hundred . . . receipts selected from the works . . . of British Artists. London. [1834 ?]. 12°. 64 pp.

*810*** —— [Another edition] Norwich, *Jarrold & Sons*, 1841. 12°. 64 pp.

Original published *c.* 1810.

*822*** *Carey, G. G.* 500 useful and amusing experiments in the arts and manufactures. London, 1822. 8°. 330 pp. 4 pl.

*829*** *Mackenzie, C.* Mackenzie's five thousand receipts in all the useful and domestic arts. New [4th] American ed. Pittsburgh, [1829]. 8°. 456 pp.

*830*** *Every* man his own blacking and boot-top liquid manufacturer. A collection of upwards of thirty receipts for liquid blackings, etc. London. *W. Glindon*, [*c.* 1830]. 12°. 60 pp.

RECEIPT BOOKS—*continued.*

*831** *Modern.* The modern universal receipt-book. London, *Longmans & Co.*, 1831. 12°. 304 pp.
Imperfect copy. Title and prel. ll. wanting.

*834** *Halford, W. C.* (of Sheffield). The mechanics own book . . . Containing valuable receipts and preparations, etc. London, [1834 ?]. sm. 8°. 32 pp.

*834** *Stuart, J. K.* The chemical experimentalist. [Parts i.-viii., Nos. 1-43, *of various editions.*] Glasgow, etc. [1834-] 1840. 2 vols. 8°. [*with continuous pagination*] and Appendix.
Contain frequent descriptions of apparatus, etc. Part 2 includes Author's Panoramic Dictionary.

*846** *Library.* The library of secrets. Containing choice and original receipts and wrinkles. No. 1-7. [No. 1. 3rd ed.]. London. *S. F. Collins*, 1846. 12°. 110 pp.

*846** *Thornton, T. C.* The new cabinet of arts: a series of entertaining experiments . . . recipes and facts. London, 1846. 12°. 252 pp. 1 pl.

*850** *Dale, N.* Upwards of seventy valuable recipes from the late Col. Hawker, the late Dr. Verity, etc. [Kimbolton], [185 ?]. sm. 8°. 38 pp.
Sporting and domestic receipts.

*854** *American.* The American family receipt book. London. Reprinted from the American edition, 1854. sm. 8°, 447 pp. Front.

*856 *Chevalier, J. P.* L'immense trêsor des sciences et des arts, ou les secrets de l'industrie dévoilés, contenant 650 recettes et procédés nouveaux inédits. 8e éd. Saintes, 1856. 8°. 528 pp.

856 *Cooley, A. J.* Cyclopædia of practical receipts . . in the arts, etc., including medicine, pharmacy and domestic economy. 3rd ed. London, 1856. 8°. 1,355 pp.

*857 *Chevallier, A., fils,* and *Grimaud, É.* Les secrets de l'industrie et de l'économie domestique. Sous la direction de [J. B.] A. Chevallier. Poitiers, 1857. 8°. 592 pp.

*860 *Cleark, C. F.* The mechanic's book of reference; or, cabinet makers . . . and machine-makers assistant. Practical receipts and processes. London, [186 ?]. 16°. 32 pp.

*860** *Golden.* The golden receipt book, containing nearly four hundred useful recipes. Maidstone, *J. T. Pickburn*, [186 ?]. 32°. 64 pp.

RECEIPT BOOKS—*continued.*

863 *Winckler, E.* Technisch-chemisches Recept-Taschenbuch. Band 4-10. [7-8, by F. Elsner; 9, by G. K. Strott; 10, by W. Storeck]. Leipzig, 1863-85. 7 vols. sm. 8°.

864* *Cooley, A. J.* Cyclopædia of practical receipts . . . in the arts, etc. including medicine, pharmacy and domestic economy. 4th ed. By A. J. Cooley and J. C. Brough. London, 1864. 8°. 1,403 pp.

864 *Winckler, E.* Technisch-chemisches Recept-Taschenbuch. 3te Aufl. Band 1-3. [2, by J. Heintze; 3, by S. Mierzinski]. Leipzig, 1864-78. 3 vols. sm. 8°.

867 —— Technisch-chemisches Recept-Taschenbuch. 2te Aufl. Band 2-6 [5, by F. Elsner; 6, by J. Heintze]. Leipzig, 1867-81. 5 vols. sm. 8°.

867 *Hoegh-Guldburg, C.* Unndvœrlig Haandbog for Enhver, indeholdende store Tusinde nyttige Anvisninger for kunstnere, etc. Kjobenhavn, 1867. sm. 8°. 740 pp.

871 *Owen, R. J.* The chemists' and druggists' compendium: a handbook of receipts in chemistry, pharmacy, perfumery, homœopathy, photography, etc. London, 1871. sm. 8°. 108 pp.

872* *Cooley, A, J.* Cyclopædia of practical receipts . . . in the arts, *etc.*, including medicine, pharmacy and domestic economy. 5th ed. By R. V. Tuson. London, 1872. 8°. 1,215 pp.

872. *Dick, W. B.* Encyclopædia of practical receipts and processes. 2nd ed. New York, 1872. 8°. 607 pp.

873 [*Arriaga, J. J.*] El industrial practico. Coleccion de recetas útiles de ciencias y artes. Mexico, 1873. 2 vols. 12°.

1873 *Butts, I. R.* The tinman's manual. 5th ed. [pp. 49-98 Receipts for japans, varnishes, cements, alloys, etc.] Boston. sm. 8°. (17,891)

873 *Spon, E.*, and *F. N.* Workshop receipts, for the use of manufacturers, mechanics, and scientific amateurs. Series i., by E. Spon. 1873 [Reprinted 1882]. Series ii., by R. Haldane. 1885. Series iii.-iv., by G. W. Lock, 1885. Series v. 1892. London, 1873-92. sm. 8°.

875 *Axon, W. E. A.* The mechanics' friend, a collection of receipts, *etc.*, London, 1875. sm. 8°. 351 pp.

878 *Benjamin, P.* Wrinkles and recipes from the "Scientific American [chiefly mechanical]. 3rd ed. New York, 1878. "sm. 8°. 300 pp. 1 pl.

RECEIPT BOOKS—*continued.*

878 *Capaun-Karlowa, C. F.* Chemisch- technische Specialitäten und Geheimnisse mit Angabe ihrer Zusammensetzung. Wien, 1878. sm. 8°. 224 pp.
In dictionary order.

878** *Fischhaber, E.* Deutliche Anweisung, Wasser-, Spor- und Lagerflecken aus Büchern . . . zu vertilgen. Neutlingen, [1878 ?] 16°. 16 pp.

878 *Winckler, E.* Technisch- chemisches Recept- Taschenbuch. Band i. 5te Aufl. von S. Mierzinski. Leipzig, 1878. sm. 8°.

880* *Cooley, A. J.* Cyclopædia of practical receipts . . . in arts, etc., including medicine, pharmacy, and domestic economy. 6th ed., by R. V. Tuson. London, 1880. 2 vols. 8°.

884 *Blakelee, G. E.* Industrial cyclopædia: how to make and how to mend. New York, 1884. 8°. 720 pp.

886 *Brannt, W. T.,* and *Wahl, W. H.* The techno-chemical receipt-book. Philadelphia, 1886. sm. 8°. 528 pp.

888 *Herrburger, A.* Allgemeines chemisch- technisches Recept- Handbuch. Leipzig, 1888. sm. 8°. 288 pp.

890 *McQuhae, W.* The technical instructor; a useful handbook and guide to arts and crafts. 2nd ed. Burnley. [189 ?] sm. 8°. 180 pp.

892. *Cooley, A. J.* Cyclopædia of practical receipts, etc., including medicine, pharmacy, hygiene and domestic economy. 7th ed., by W. North. London, 1892. 2 vols. 8°.

892* *McQuhae, W.* The technical instructor; a useful handbook and guide to arts and crafts . . . with over 1,000 receipts. Burnley, 1892. sm. 8°. 146 pp.

893* *Scientific American.* The "Scientific American" cyclopedia of receipts, notes and queries. Ed. A. A. Hopkins. New York, 1893. 8°. 708 pp.

894 *Bersch, J.* Chemisch - technisches Lexikon. Eine Sammlung von mehr als 17,000 Vorschriften, etc. Wien, etc. [1894.] 8°. 958 pp.

894 *Tissandier, G.* Recettes et procédés utiles. [4e serie.] 2e éd. Paris, [1894]. 12°. 343 pp.

895 *Spon, E.* and *F. N.* Workshop receipts. 2nd ed. Series i. etc. London, 1895, etc. sm. 8°.

896 *Flather, S.* Flather's trade recipes. New ed. Manchester, 1896. sq. 12° 136 pp.

RECEIPT BOOKS—*continued.*

896 *Tissandier, G.* Nouvelles recettes utiles et appareils pratiques. [3e serie.] 3e éd. Paris, [1896]. 12°. 343 pp.

897 *Bogaerts, J.* Les 1,200 recettes . . . sur l'industrie et l'économie domestique, etc. Troyes, 1897. sm. 8°. 345 pp.

897 *Tissandier, G.* Recettes et procédés utiles. [1ère série.] 9e éd. Paris, [1897]. 12°. 395 pp.

899 *Bouffier, H.* Kunsttechnischer Rathgeber. Recepte und Winke zur Herstellung von Zeichen-und Mal-Utensilien, Kleister und anderen Klebemitteln, Firnissen, Polituren, etc. Düsseldorf, [1899]. 8°. 113 pp.

899 *Glahn, C. J.* Chemisch-technische Fabrikations-Verfahren aus der Praxis. Berlin, [1899]. 8°. 32 pp.

899 *Laffargue, J.* Recettes et procédés utiles. [5e série.] Paris, 1899. 12°. 338 pp.
Series 1-4 edited by G. Tissandier.

899* *Scientific American.* The Scientific American cyclopedia of receipts, notes and queries. Ed. A. A. Hopkins. [New ed.] New York, 1899. 8°. 708 pp.

899 *Tissandier, G.* Recettes et procédés utiles. 2e série. La science pratique. 5e éd. Paris, [1899 ?]. 12°. 346 pp.

900 *Engelhardt, S.* Chemisch-technisches Recept-Taschenbuch. 4te Aufl. Leipzig, 1900. sm. 8°. 562 pp.

900 "*Scientific American.*" The Scientific American cyclopedia of receipts, notes and queries. Edited by A. A. Hopkins. 22nd ed. With Appendix. New York, 1903, 8°. 629 + 105 pp.

901 *Oilmen's* sundries and how to make them. Being a collection of practical receipts, etc. [Included with adhesives, disinfectants, insecticides, etc.] London, *Maclaren & Sons*, 1901. sm. 8°. 128 pp.

902 *Berkeley, H. R.*, and *Walker, W. M.* Practical receipts [for making varnish, stains, paints, dyes, soaps, preserves, etc.]. London, 1902. 8°. 250 pp.

904 *Cole, M.* Cyclopedia of mechanical handicrafts and industrial processes. 2nd ed. Vol. i. Sect. 1-23. Manchester, 1904, etc. 8°.

905 *Koller, T.* Handbuch des Spezialitäten-Industrie. Wien, 1905. sm. 8°. 387 pp.

907 *Hiscox, G. D.* The twentieth century book of receipts, formulas and processes. London, 1907. 8°. 787 pp.

REFERENCE WORKS (*Bibliography*). AK 41

904 *Crerar (John) Library.* A list of cyclopedias and dictionaries. With a list of directories. Aug. 1904. Chicago, 1904. 8°. 272 pp.
Arranged according to the Decimal classification.

Rhine Provinces. *See* Germany, Rhine Provinces. AR 4755

Roman weights and measures. *See* Measures, weights and money: Classical and ancient. AW 23

ROME: ANTIQUITIES. AR 356 i

*617** *Lipse, J.* Admiranda, sive de magnitudine Romana libri quatuor. Edito ultima. Antwerp, 1617. fol. 231 pp.

*776** *Viaggiana;* or detached remarks on the buildings, pictures, statues, inscriptions, etc., of ancient and modern Rome. London, *Rivington*, 1776. 12°. 186 pp.

ROUMANIA. AR 595

1873. *Haan, E., Baron.* Rumänien. Bericht. (Beiträge zum zweiten Bande. 17 pp. *Vienna Universal Exhibition*, 1873. Officieller Ausstellungs-Bericht. Heft 15. 8°. AB 873 v

*876** *Obédénaire, M. G.* La Roumanie économique. Géographie, état économique, anthropologie avec une carte, etc. Paris, 1876. 8°. 446 pp. Map.

ROUMANIAN AND ENGLISH DICTIONARIES. AA 14 k

907 *Lolliot, H. L.* Dictionar Englez-Român. Bucuresci, [1907]. 2 vols. 8°.

Roumanian and German Dictionaries. *See* German and Roumanian Dictionaries. AA 35 kr

ROUMANIAN LANGUAGE: DICTIONARIES. AA 14

870 *Cihac, A. de.* Dictionnaire d'étymologie Daco—Romane. Éléments Latins comparés avec les autres langues Romanes. Francfort, 1870. 8°. 344 pp.

879 —— Dictionnaire d'étymologie Daco-Romane. Éléments slaves, magyars, turcs, grecs modernes, et albanais. Francfort, 1879. 8°. 842 pp.

Russia, bibliography. *See* Bibliography National: Russia. Ag 76

RUSSIA. AR 54

1874. *Lindheim, W. von.* Russland. Bericht. 210 pp. 1 pl. *Vienna Universal Exhibition*, 1873. Officieller Ausstellungs-Bericht. Heft 70. 8°. AB 873 v

*900** *Paris Universal Exhibition*, 1900: *Russian Comm.* La Russie à la fin du 19e Siècle. [Édition Française par a Raffalovitch et P. Apostol.] Paris, 1900. 8°. 1,010 pp. Maps.

Russian and German Technical Dictionaries. *See* Technical Dictionaries: Bilingual (*German and Russian*). AA 97 gr

Russian coinage. *See* Coins and Coinage: Russia. AO 67 r

Russian Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96; Technical Dictionaries, Polyglot. AA 98

RUSSIA: INDUSTRIES. AR 54 1

*851/** *London International Exhibition*, 1851: *Russian Comm.* [Catalogue of Russian products, etc.] St. Petersburg, 1851. fol. 90 pp.

*862** *London International Exhibition*, 1862: *Russian Comm.* Catalogue of the Russian section (Russian and English). London, 1862. 4°. 159 pp.

*862** [*Russia, Dep't. of Trade, etc.*] Review of the various branches of manufacturing industry in Russia. (*In Russian.*) St. Petersburg, 1862-65. 3 vols. 8°.

*867** *Paris Universal Exhibition*, 1867: *Russian Comm.* Catalogue spécial de la section Russe. Paris, 1867. 8°. 201 pp.

*869** *Timiryazef, D. A.* [Statistical atlas of the principal branches of Russian industry. Parts 1 and 2.] St. Petersburg, 1869-70. 8°. 108 pp. 10 maps.

*870** *Russian Industrial Exhibition at St. Petersburg*, 1870. [Report on the exhibition of Russian manufactures.] (*In Russian.*) St. Petersburg, 1870. 8°. 2 pts. 1 plan.

*882** *Moscow: Nationale Ausstellung*, 1882. Russlands Industrie auf der nat. Austellung, etc. Kritische Betrachtungen . . . von. C. O. Cech. Moskau, 1885. 8°. 392 pp.

*893** *Chicago Exhibition*, 1893: *Russian Comm.* Catalogue of the Russian section. St. Petersburg, 1893. 8°. 587 pp.

*893** *Russia, Dep't. of Trade, etc.* The industries of Russia. With a general industrial map. [Vol. 5. Siberia and the Great Siberian Railway.] Transl. by J. M. Crawford. St. Petersburg. 5 vols. in three. 8°.

*897** *Verstraete, M.* La Russie industrielle. Étude sur l'Exposition de Nijni-Novgorod. Paris, 1897. 8°. 319 pp. 2 diagr. Map.

RUSSIAN AND ENGLISH DICTIONARIES. AA 24

800 *New.* A new pocket dictionary of the English and Russian and the Russian and English languages. Stereotype ed. Leipzig, *Tauchnitz*, [18 ?]. 2 vols. in one. 24°.

884 *Alexandrow, A.* Complete Russian-English Dictionary. Vol. 1. Russian-English; Vol. 2. English-Russian. London, [1884-85]. 8°.

891 —— Complete English-Russian [and Russian-English] Dictionary. 2nd ed. St. Petersburg, 1891-97. 2 vols. l. 8°.

RUSSIAN LANGUAGE: GRAMMAR. AA 24 n

862 *Reiff, C. P.* English-Russian grammar. 3rd ed. Paris. 1862. 8°. 199 pp.

ST. GALL: INDUSTRIES. AR 3858 1

*875** *Wartmann, H.* Industrie und Handel des Kantons St. Gallen auf Ende 1866; (ii.) 1867-80; (iii.) 1881-90. In geschichtlicher Darstellung. St. Gallen, 1875. 3 vols. 4°.

Deals chiefly with textile industries.

ST. GEORGE'S CATHEDRAL, SOUTHWARK. AR 4387 jsg

*851** *W., C.*, and *W., A.* [i.e., *C.* and *A. White*]. A description of St. George's Cathedral, etc., Southwark. London, 1851. 8°. 34 pp.

ST. MICHAEL'S CHURCH, CORNHILL: WOOD CARVINGS. AR 437 jsm

*860** *Rogers, G. A.* Some account [28 photographs] of the wood carvings of St. Michael's Church, Cornhill. London, [1860?]. 4°.

ST. PETER'S, ROME. AR 356 ivp

684. *Costaguti, G. B.* Architettura della Basilica di S. Pietro in Vaticano. Roma, 1684. fol. 4 ll. 35 pp. 31 pl.

ST. THOMAS. AR 7683

*901** *Almada Negreiros, —.* Colonies portugaises. Ile de San Thomé. Paris, 1901. 8°. 166 pp. Maps.

SALTA. **AR 9939**

*871l** *Cordova: Exposicion Nacional, etc.* Datos sobre la provincia de Salta, recopilados por Don Federico Stuart. Salta, 1871. fol. 46 pp. 3 tables.

SALVADOR: INDUSTRIES. **AR 964 1**

*889** *Paris Universal Exhibition*, 1889. (*Salvador.*) Catálogo oficial de les productos . . . del Salvador, etc. San Salvador, 1888. 8°. 123 pp.

SAMOA (*Bibliography*). **AR 1772 a**

901 *U.S. Congress (Library).* A list of books (with references to periodicals) on Samoa and Guam. Compiled under the direction of A. P. C. Griffin. Washington, 1901. 8°. 54 pp.

SANSKRIT AND ENGLISH DICTIONARIES. **AA 01**

870 *Wilson, H. H.* A Sanskrit and English dictionary, being an abridgment of Prof. Wilson's dictionary, with an Appendix by Rám Jasan. London, 1870. l. 8°. 713 pp.

872 *Williams, Sir M. M.* A Sanskrit-English dictionary. Oxford, 1872. 4°. 1,214 pp.

Savage races. *See* Anthropology, Ethnological. AP 41

SAXONY. **AR 4725**

*590/** *Albinus* [*or, Weiss*] *P.* Meissnische Land-und Berg-Chronica. Dresden, 1590. 2 pts. fol.

SCIENCE (*Bibliography: General*). **AC 50**

*771l** *Priestley, J.* Proposals for printing by subscription the history, etc. of discoveries relating to vision, light, and colours. [Followed by a catalogue of the books . . . for compiling the history of experimental philosophy.] Leeds, 1771. 4°. 8 pp.

839 *Royal Society of London.* [Classed] Catalogue of the scientific books in the library of the Royal Society. [By A. Panizzi.] London, 1839. 8°. 776 pp.

SCIENCE (*Bibliography: General*)—continued.

858 *Poggendorf, J. C.* Biographisch-literarisches Handwörterbuch zur Geschichte der exacten Wissenschaften, enthaltend Nachweisungen über Lebensverhältnisse und Leistungen von Mathematikern, Astronomen, Physikern, Chemikern, etc., aller Völker und Zeiten. [i.-ii. To 1857; iii. 1858-1883; iv. 1883-1900.] Leipzig, 1858-1904. 4 vols. in six. 8°.

883 *Bierens de Haan, D.* Bibliographie Néerlandaise historique-scientifique des ouvrages importants dont les auteurs sont nés aux 16e, 17e et 18e siècles sur les sciences mathématiques et physiques. Rome, 1883. 4°. 424 pp.

903 *Patent Office Library.* Subject list of works on general science, physics, sound, music, light, microscopy, and philosophical instruments in the Patent Office Library. (*P.O.L. Series, No.* 11.) London, 1903. 16°. 184 pp.

SCIENCE (*Bibliography: Periodical Publications, Lists*). AC 51

*861*** *Patent Office.* List of scientific and other periodicals and transactions of learned societies in the . . . library, etc., Jan., 1861-July, 1890. London, 1861-90. 22 pts. 8°.

875 *Royal Society of London.* Catalogue of transactions, journals, etc. [By H. White.] London [1875?]. 8°. 164 pp.

879 *Scudder, S. H.* Catalogue of scientific serials of all countries, including the transactions of learned societies in the natural, physical, and mathematical sciences, 1633-1876. (*Harvard Library Special Publications, No.* 1.) Cambridge, Mass., 1879. 8°. 370 pp.

1885. *Bolton, H. C.* A catalogue of scientific and technical periodicals, 1665-1882. With chronological tables and a library check list. 783 pp. *Smithsonian Misc. Coll.* Vol. 29. B 13 S : 862

*885** —— Same. Washington, 1885. 8°.

1885. —— Same. 2nd ed. (1665-1895.) 1897. 1,254 pp. *Smithsonian Misc. Coll.* Vol. 40. B 13 S : 862

*902** *Patent Office Library.* Class list and index of the periodical publications in the Patent Office Library. (P.O.L. Series No. 8.) London. 16°. 191 pp.

906 —— Same. 2nd ed. London, 1906. 16°. 298 pp.

SCIENCE (*Bibliography: Periodical Publications—Indexes*). AC 52

797 *Murhard, F. W. A.* Litteratur der mathematischen Wissenschaften. [15th Cent. to 1800.] Leipzig, 1797-1805. 5 vols. 8°.

Vol. 1-2, Mathematics. Vol. 3-5, Mechanics and Optics. A Synopsis of the classification prefixed to each vol.

801 *Reuss, J. D.* Repertorium commentationum a societatibus litterariis editarum [A.D. 1665-1800].

1. Hist. Nat. 2. Botanica et mineralogia. 3. Chemica et res metallica. 4. Physica. 5. Astronomia. 6. Oeconomia. 7. Mathesis, mechanica . . . technologia, etc. 8. Historia. 9. Philologia, ars antiqua, pictura, musica. 10-16. Scientia et ars medica, etc.

Gottingen, 1801-21. 16 vols. sm. 4°.

807 *Young, T.* Course of lectures, etc. Vol. 2 [pp. 87-520 contain a classified catalogue of works and articles relating to natural philosophy and the mechanical arts from 1665-1805.] London, 1807. 4°.

867 *Royal Society of London.* Catalogue of scientific papers. [Arranged by authors.] Vol. i-vi., 1800-63; vii.-viii., 1864-73; ix.-xi., 1873-83; xii., 1800-1883 supplement. [xiii., etc., 1884-1900, and Subject Catalogues to the whole period in preparation.] London, 1867, etc. 4°.

902 *International Catalogue* of scientific literature. [Published annually from January, 1901. In 17 sections. Author and Subject lists.] London, 1902, etc. 8°.

Each section is entered under, and placed with, its subject.

[1901, etc.] *Bibliographie der deutschen naturwissenschaftichen Litteratur* [1901, etc.]. Jena. 8°. C 39 : 901

Advance edition of the German section of the International Catalogue.

895 *Deniker, J.* Bibliographie des travaux scientifiques (sciences mathématiques, physiques et naturelles), publié par les Sociétés savantes de la France. Tome i. Livr. 1-2. Paris, 1895-97. 4°. 400 pp. (*All published.*)

Contents lists of Society publications.

SCIENCE (*Bibliography—Theses*). AC 525

892 *Matre, A.* Catalogue des thèses des sciences soutenues en France de 1810 à 1890 inclusivement. Paris, 1892. 8°. 235 pp.

Science, economics. *See* Education, Scientific and technical, Economics. BE 85

SCIENCE (*History*). AC 56

*766** *Savérien, A.* Histoire des progrès de l'esprit humain dans les sciences exactes, et dans les arts qui en dépendent, avec un abrégé de la vie des auteurs les plus célèbres dans ces sciences. Paris, 1776. 8°. 561 pp.

775 —— Histoire des progrès de l'esprit humain dans les sciences naturelles et dans les arts qui en dépendent . . . avec un abrégé de la vie des plus célèbres auteurs dans ces sciences. Paris, 1775-78. 4 vols. 8°. [Vol. 2 is of the 2nd ed.]

810 *Académie des Sciences, Paris.* Rapport historique sur les progrès des sciences mathématiques [géométrie; algèbre; méchanique analytique; astronomie; géographie; physique mathématique; mécanique; manufactures et arts] depuis 1789, et sur leur état actuel. Paris, 1810. 4°. 279 pp.*

810 —— Same. Sur les sciences naturelles [chimie; histoire naturelle; médecine, agriculture, etc.]. Paris, 1810. 4°. 315 pp.

1817. *Gregory, O. G.* An oration, etc. [Progress of science.] 20 pp. *Pamphleteer:* Excerpta [No. 8]. (5,514)

1830. *Encyclopædia Britannica.* 7th ed., preceded by [Vol. i.] dissertations on the history of metaphysical, ethical, mathematical and physical sciences. Edinburgh. 8°. 734 pp. AC 25

*837** *Whewell, W.* History of the inductive sciences. London. 3 vols. 8°.

837 *Strictures* on Dr Whewell's history of the inductive sciences. [Reprint.] London, 1847. 8°. 34 pp.

1853. *Encyclopædia Britannica.* 8th ed., preceded by [Vol. i.] dissertations on the history of metaphysical, ethical, mathematical and physical sciences. Edinburgh. 8°. 793 pp. AC 25

853 *Pouchet, F. A.* Histoire des sciences naturelles au moyen age; ou Albert le Grand et son époque considérés comme point de départ de l'école expérimentale. Paris, 1853. 8°. 661 pp

857 *Whewell, W.* History of the inductive sciences. 3rd ed. London, 1857. 3 vols. 8°.

873 *Candolle, A. de.* Histoire des sciences et des savants depuis deux siècles suivie d'autres études sur des sujets scientifiques, etc. Génève, 1873. 8°. 489 pp.

881 *Routledge, R. A.* Popular history of science. London, 1881. 8°. 694 pp. 17 pl.

883 *Marie, M.* Histoire des sciences mathématiques et physiques. Paris, 1883-88. 12 vols. in seven. 8°.

A collection of brief biographies arranged by periods.

SCIENCE (*History*)—continued.

888* *Buckley, A. B.* A short history of natural science. 4th ed. London, 1888. sm. 8°. 538 pp.

891 *Caverni, R.* Storia del metodo sperimentale in Italia. Firenze, 1891-98. 5 vols. 8°.

894 *Buckley, A. B.* A short history of natural science. 5th ed. London. sm. 8°. 538 pp.

897 *Bright, Sir C. T.* Science and engineering during the Victorian era. 1837-1897. Westminster, [1897]. 8°. 24 pp.

902 *Thomson, J. A.* Progress of science in the century. Edinburgh, [1902, reprinted 1906]. 8°. 537 pp.

SCIENCE (*Errors and Satires*). AC 57

530** *Agrippa von Nettesheim, H. C.* De incertitudine et vanitate scientiarum et artium atque excellentia verbi Dei declamatio. Antwerp, *J. Grapheus*, [1530]. 4°. 169 unnumbered ll.

596** —— De incertitudine et vanitate omnium scientiarum et artium. Hague, 1662. 12°. 574 pp.

596** —— The vanity of arts and sciences. London, 1684. 8°. 386 pp. port.

709** *Useful Transactions in Philosophy* and other sorts of learning. Jan.-April, 1709. [By W. King.] London, 1709. 2 pts. in one. 12°.

868** *Dircks, H.* Scientific studies; or practical, in contrast with chimerical pursuits; exemplified in two popular lectures: i. Life of the Marquis of Worcester. ii. Chimeras of science: astrology, alchemy, squaring the circle, perpetuum mobile, etc. London, 1869. 12°. 88 pp. 7 pl.

872** *De Morgan, A.* A budget of paradoxes. London, 1872. 8°. 518 pp.

904 *Bolton, H. C.* The follies of science at the court of Rudolph II. 1576-1612. Milwaukee, 1904. 8°. 223 pp. 28 pl.

906 *Phin, J.* The seven follies of science. A popular account of the most famous scientific impossibilities and the attempts which have been made to solve them. Added, a small budget of interesting paradoxes, illusions, and marvels. London, 1906. 8°. 183 pp.

907 *Hampson, W.* Paradoxes of nature and science. New York, [1907]. 8°. 319 pp. 8 pl.

SCIENCE (*Dictionaries*). AC 70

*629** *Ramirez de Carrion, M.* Maravillas de naturaleza [in dictionary form]. Montilla, 1629. sm. 4°. 163 pp.

*726** *Stone, E.* New mathematical dictionary: wherein is contained, not only the explanation of the bare terms, but likewise an history, of the rise, progress, state, properties, etc. of things, both in pure mathemathics, and in natural philosophy, so far as it comes under a mathematical consideration. London, 1726. 8°. 416 pp.

743 —— Same. 2nd ed. London, 1743. 8°. 567 pp.

*796** *Hutton, C.* A mathematical and philosophical dictionary [includes biography]. London, 1796. 2 vols. 4°.

805 *Lunier, —.* Dictionnaire des sciences et des arts. Paris, 1805. 3 vols. 8°.

810 *Watkins, C. T.* A portable cyclopædia; or, compendious dictionary of arts and sciences. London, 1810. 12°. [756 pp.] 27 pl.

814 *Barlow, P.* A new mathematical and philosophical dictionary . . . with historical sketches. London, 1814. 8°. 764 pp. 13 pl.

815 *Hutton, C.* Philosophical and mathematical dictionary. New ed. London, 1815. 2 vols. 4°.

831 *Crabb, G.* A dictionary of general knowledge; or, an explanation of words and things connected with all the arts and sciences. Illustrated with woodcuts. 2nd ed. London, 1831. 12°. 380 pp.

*835** *Phillips, Sir R.* A million of facts, of correct data, and elementary constants, in the entire circle of the sciences, and on all subjects of speculation and practice. New [3rd] ed. London, 1835. 19 pp.+ 1,043 cols. Portr.

*842** *Brande, W. T.,* and *Cauvin, J.* A dictionary of science, literature, and art. London, 1842. 8°. 1,350 pp.
Excludes biography and topography.

*853** —— Dictionary of science, literature, and art. 3rd ed. London, 1853. 8°.

853 *Phillips, Sir R.* A million of facts, of correct data, and elementary constants, in the entire circle of the sciences, etc. [Stereotyped ed.] London, 1853. 8°. 1,126 col. + 80 pp. Portr.

860 *Nichol, J. P.* A cyclopædia of the physical sciences. [Physics, astronomy, mathematics, meteorology, etc. In dictionary form.] 2nd ed. London, 1860. 8°. 915 pp. 5 pl.

SCIENCE (*Dictionaries*)—continued.

864* *Privat-Deschanel, A.*, and *Focillon, A.* Dictionnaire général des sciences théoriques et appliquées [includes natural history, etc.]. Paris, 1864-67. 2 vols. 8°.

865* *Brande, W. T.*, and *Cox, G. W.* A dictionary of science, literature, and art. New ed. London, 1865-67. 3 vols. 8°.

871 *Rodwell, G. F.* A dictionary of science. London, 1871. 8°. 608 pp.

875 *Brande, W.*, and *Cox, G. W.* A dictionary of science, literature, and art. New ed. London, 1875. 3 vols. 8°.

894 *Bouant, É.* Dictionnaire-manuel-illustré des sciences usuelles. 3e éd. Paris, 1894. 12°. 807 pp.

900 *Perrier, E., and others.* Nouveau dictionnaire des sciences et de leurs applications. Paris, 1900-03. 3 vols. 8°.

901 *Privat-Deschanel, A.*, and *Focillon, A.* Dictionnaire général des sciences théoriques et appliquées. 5e éd. Par J. Gay et L. Mangin. Paris, [1901-05]. 4 vols. 8°.

904 *Scientific American.* "Scientific American" reference book. Compiled by A. A. Hopkins and A. R. Bond. New York, 1905. 8°. 524 pp. 7 pl.

SCIENCE (*Educational Courses*). AC 75

250/* *Bacon, R.* Opus majus. Edidit S. Jebb. London, 1733. fol. 512 pp.

250* —— The "Opus Majus" of Roger Bacon. Ed. by J. H. Bridges. Oxford, 1897-1900. 3 vols. 8°.

250* —— Opera quædam hactenus inedita. Vol. I. containing i. Opus tertium. ii. Opus minus. iii. Compendium philosophiæ. London, 1859. 8°. 673 pp. For other works *see* Author Catalogue.

501/* *Valla, G.* De expetendis et fugiendis rebus opus. [De arithmetica; musica; geometria; astrologia; physiologia; medicina; grammatica; dialectica; poetica; rethorica; morali philosophia; œconomia, sive administratione domus; politicon; corporis commodis et incommodis; rebus externis.] Ed. J. P. Valla. [Venetiis. *In ædibus Aldi*, etc., 1501.] 1 vol. in two. fol. (in fours).

SCIENCE (*Educational Courses*)—continued.

*503*** *Reisch, G.* Margarita philosophica, totius philosophiæ rationalis, naturalis et moralis principia dialogice duodecim libris complectens. [Freiburg, *J. Schott.*] 1503. 4° (in eights). 302 ll. (unpaged). Map. Woodcuts.

*505*** —— Margarita philosophica nova. Strasburg, 1515. 4°.

*639** *Scheibler, C.* Philosophia compendiosa [i. Logica; ii. Metaphysica; iii. Physica; iv. Geometria; v. Astronomia; vi. Optica; vii. Ethica; viii. Politica; ix. Œconomica]. 6th ed. Oxford, 1639. 8°. 198 pp.

*654** *Roy, H. van.* Philosophia naturalis. 2a ed. Amsterdam, 1654. 4°. 488 pp.

*660** *Vossius, G. J.* De quatuor artibus popularibus [Grammatistice, gymnastice, musice et graphice] de philologia et scientiis mathematicis . . . libri tres. Amsterdam, 1660. 4°. 3 pts.

*677** *Newton, J.* The English Academy: or a brief introduction to the seven liberal arts—grammar, arithmetic, geometrie, musick, astronomie, rhetorick and logick. London, 1677. sm. 8°. 222 pp.

*677** —— Same. 2nd ed. Added the necessary arts and mysteries of navigation, dyaling, surveying, mensuration, gauging, and fortification. London, 1693. 12°. 255 pp. 2 pl.

*687** *Abercromble, D.* Academia scientiarum, or the academy of sciences. Being a short and easie introduction to the knowledge of the liberal arts and sciences. With the names of . . . authors, etc. In English and Latine. London, 1687. 12°. 213 pp.

*694/** *Legrand, A.* An entire body of philosophy according to the principles of Descartes. Translated, etc., by R. Blome. London, 1694. fol. 696 pp. 100 pl.

*696/** *Zahn, J.* Specula physico- mathematico- historica notabilium ac mirabilium sciendorum. Nuremberg, 1696. 3 vols. fol.

*712** [*Curzon, H.*] The universal [Library] or, compleat summary of science . . . with divers secrets, experiments and curiosities. London, 1712. 2 vols sm. 8°.

*727/** *Greene, R.* The principles of the philosophy of the expansive and contractive forces; or an inquiry into the principles of the modern philosophy, that is, into the several chief rational sciences. Cambridge, 1727. fol. 997 pp.

SCIENCE (*Educational Courses*)—continued.

731* *Regnault, N.* Philosophical conversations; or new system of physics, [including astronomy, physical geography, physiology, botany, etc.]. From the French, by T. Dale. London, 1731. 3 vols. 8°.

732* *Spectacle.* Le spectacle de la nature; ou entretiens sur les particularités de l'histoire naturelle, etc. [Par l'Abbé N. A. Pluche.] Paris, 1752-55. 8 vols. 12°.

Tome 8 deals with Theology.

744* *Spectacle* de la nature, or nature delineated, being philosophical conversations. From the French [of L'Abbé N. A. Pluche]. London, *J. Hodges*, 1744-63. 7 vols. sm. 8°.

Vol. 1. 4th ed. (1757); 2-4, 3rd ed. (1744); 5 and 7, 2nd ed. (1749); 6, 3rd ed. (1763).

737* *Martin, B.* Bibliotheca technologica; or, a philological library of literary arts and sciences. [In 25 sections.] London, 1737. 8°. 667 pp.

Wants half title and frontispiece.

748* —— The philosophical grammar. Pt. i. Somatology. ii. Cosmology. iii. Aerology. iv. Geology, etc. 3rd ed. London, 1748. 8°. 368 pp. 26 pl.

770* *Smith, W.* The students' vade mecum. Containing an account of knowledge and its general divisions, history, philosophy, etc. With directions how to proceed in the study of each branch of learning. London, 1770. 8°. 271 pp.

776* *Martin, B.* Bibliotheca technologica: or, a philological library of literary arts and sciences. With index, etc. 4th ed. London, 1776. 8°. 535 pp. Front.

778* —— The philosophical grammar. [Pt. i. Somatology. ii. Cosmology. iii. Aerology. iv. Geology, etc.] 18th ed. London, 1778. 8°. 378 pp. 26 pl.

781* —— The young gentleman and lady's philosophy in a continued survey of the works of nature and art. By way of dialogue. [Astronomy, physics, and natural history.] 3rd ed. London, 1781-82. 3 vols. 8°. Illus.

782* *Nicholson, W.* An introduction to natural philosophy. [Physics, astronomy, chemistry.] London, 1782. 2 vols. 8°.

782* —— Same. 3rd ed. London, 1790. 2 vols. 8°.

783* *Turner, R.* An easy introduction to the arts and sciences. [Includes history, geography, mythology, etc.] London, 1783. 12°. 159 pp.

785* —— Same. 10th ed. Appendix; abridgement of natural history; sequel of physics, etc. London, 1804. 12°. 282 pp.

SCIENCE (*Educational Courses*)—continued.

786* *Banister, J.* Tableau des arts et des sciences, depuis les temps les plus reculés jusqu'au siécle d'Alexandre-le-Grand. Traduit de l'Anglais [par Boulard]. Paris, 1786. 8°. 235 pp.

787* *Fitzgerald, F.* Surveys of nature, historical, moral and entertaining, exhibiting the principles of natural science in various branches. London, 1757. 3 vols. 4°.

795* *Euler, L.* Letters to a German princess [of Anhalt-Dessau] on physics and philosophy. From the French, with notes. London, 1795. 2 vols. 8°.

796* *Gregory, G.* The economy of nature explained and illustrated on the principles of modern philosophy. London, 1796. 3 vols. 8°.

797* *Dialogues* in a library [on science and philosophy]. London, 1797. 12°. 284 pp.

803* *Imison, J.* Elements of science and art: being a familiar introduction to natural philosophy and chemistry, together with their application to a variety of elegant and useful arts. New ed. London, 1803. 2 vols. 8°.

815* *Smith, J.* The panorama of science and art. Liverpool, [1815]. 2 vols. 8°.

816* *Webster, J.* Elements of mechanical and chemical philosophy. Taunton, [1816]. 8°. 392 pp.

824* *Smith, J.* The panorama of science and art. 18th ed. Vol. ii. London, 1824. 8°. 872 pp. 1 pl.

825* *Notes* to assist the memory in various sciences [including moral philosophy; metaphysics; political economy; geography, grammar, etc.]. London, *J. Murray*, 1825. 12°. 298 pp.

828* *Tegg, T.* The young man's book of knowledge, etc. 19th ed. London, 1828. 12°. 359 pp. 3 pl.

829 *Society for the diffusion of useful knowledge.* Natural philosophy. [Vol. i.-ii. Advantages, etc. of science; Physics. iii. Astronomy, geography, navigation. iv. Chemistry, botany, animal physiology, animal mechanics.] London, 1829-38. 4 vols. 8°.

835* *Moffatt, J. M.* The book of science. 2nd series. Chemistry, metallurgy, mineralogy, crystallography, geology, oryctology, meteorology. London, 1835. 18°. 490 pp.

SCIENCE (*Educational Courses*)—continued.

838 *Clarke, H.* The cabinet of arts, or general instructor in arts, sciences, trade and practical machinery, the means of preserving human life, political economy, etc. London, 1838. 8°. 863 pp. 10 pl.

849* *Grant, G.* The panorama of science. [Astronomy, Physiognomy and Craniology.] Dublin, 1849. sm. 8°. 320 pp. 1 pl.

857 *Chambers, W.* and *R.* Chambers information for the people. New [4th] ed. London, etc., [1857-58 ?] 2 vols. 8°.

"Not an encyclopædia . . . but embracing the more important departments of general knowledge . . . for self-education.

860 *Orr's* Circle of the sciences. New ed. Vol. i.-ix. London, 1860. 9 vols. 8°.

Entered analytically under subjects.

860* *Martin, W.* The illustrated natural philosophy. 4th ed. London, [186 ?]. 18°. 324 pp.

860* —— Same. 6th ed. London, [186 ?]. 12°. 324 pp.

885 *Industrial* Self-Instructor and Technical Journal. Vol. 1-5. [*Re-issue.*] London, *Ward, Lock, & Co.* [1885-88.] 5 vols. 4°.

890 *Popular.* The Popular educator: a complete encyclopædia of elementary, advanced, and technical education. New ed. London, [189 ?]. 6 vols. 4°.

890* *Silvola, G.* Lezioni di fisica, chimica e meccanica. 2a ed. Torino, 1890. sm. 8°. 215 pp. 5 pl.

891* *Ogilvie, G. W.* S. Searle's encyclopædia of useful information and atlas of the world . . . containing facts, calculations, receipts, processes, trade secrets, etc. London, [1891]. 4°. 653 pp.

SCIENCE (*Essays; Lectures*). AC 90

633* *Renaudot, T.* Première centurie des questions traitées ez conferences du Bureau d'adresse, 1633-34. Paris, 1638. 4°. 422 pp.

633* *Havers, G.* [Vol. i.] A general collection of discourses of the virtuosi of France, upon questions of all sorts of philosophy and other of natural knowledg. [Vol. ii.] Another collection of philosophical conferences of the French virtuosi, etc. Made in the assembly of the Beaux Esprits at Paris. London, 1664-65. 2 vols. fol.

Originally published, 1633-34.

SCIENCE (*Essays : Lectures*)—continued.

674 *Hooke, R.* Lectiones Cutlerianæ, or a collection of lectures.

Contents.

i. Attempt to prove the motion of the earth. 1674.
ii. Animadversions on the first part of machina cœlestis of Johannes Hevelius. 1674.
iii. Description of helioscopes. 1676.
iv. Lampas, or descriptions of lamps and waterpoises.
v. Lectures de potentia restitutiva, or of spring.
Added, divers miscellaneous discourses, [followed by] philosophical collections, Nos. 1-6.

London, 1679-82. 4°.

726 *Hooke, R.* Philosophical experiments and observations of the late Dr. Hooke and other virtuosos in his time, pubd. by W. Derham. London, 1726. 8°. 406 pp. 4 pl.

732 *Innes, R.* Miscellaneous letters on several subjects in philosophy and astronomy. London, 1732. 4°. 71 pp. 3 pl.

773 *Pringle, Sir John, Bart.* Six discourses, delivered . . . on occasion of six annual assignments of Sir Godfrey Copley's medal. Prefixed, the life of the author by Andrew Kippis. London, 1773-78. 8°. 382 pp.

Entered also analytically under subjects.

781 *Frisi, P.* Opuscoli filosofici. i. Influenze meteorologiche della luna. ii. Conduttori elettrici. iii. Azione dell' olio nell' acqua. iv. Calore superficiale e centrale della terra. v. Fiumi sotterranei. Milano, 1781. 8°. 124 pp.

781 *Landriani, M. Conte.* Opuscoli fisico-chimici. Milano 1781. 8°. 191 pp. 1 pl.

802 *Walker, E.* Philosophical essays, from the philosophical journals, [1802-17]. Lynn, 1823. 8°. 192 pp. 3 pl.

813 *Pamphleteer* (The). Excerpta [chiefly relating to applied science]. London, 1813-28. 50 pts. 8°.

853 *Helmholtz, H. L. F. von.* Popular lectures on scientific subjects [1853-69]. Trs. by Atkinson. London, 1873. sm. 8°. 413 pp.

853 *Helmholtz, H. L. F. von.* Vorträge und Reden [1853-94]. 5te Aufl. Braunschweig, 1903. 2 vols. 8°.

855 *Babinet, J.* Études et lectures sur les sciences d'observation et leurs applications pratiques. Paris, 1855-60. 6 vols. in three. 12°.

Reprints of papers in the "Revue des deux Mondes," etc.

SCIENCE (*Essays: Lectures*)—continued.

855 *Kelvin, Wm. Thomson, Baron.* Popular lectures, etc. [1855-93]. [Vol. i. Constitution of matter. 2nd ed. ii. Geology and general physics. iii. Navigational affairs.] London, 1891-94. 3 vols. sm. 8°.

856 *Tyndall, J.* Fragments of science for unscientific people. [1856-70.] 3rd ed. London, 1871. 8°. 461 pp.

863* *Wynter, A.* 'Subtle brains and lissom fingers: being some chisel-marks of our industrial and scientific progress, etc. London, 1863. 8°. 446 pp.

864* *Mach, E.* Populär-wissenschaftliche Vorlesungen. [1864-95.] Leipzig, 1896. sm. 8°. 343 pp.

864 —— Populär-wissenschaftliche Vorlesungen. [1864-97.] 3te Aufl. Leipzig, 1903. 8°. 415 pp.

866 *Roscoe, Sir H. E.* Science lectures for the people. Series i.-vi. [1866-74.] Manchester, [1867-75]. 6 vols. in three. sm. 8°.

867 *Herschel, Sir J. F. W.* Familiar lectures on scientific subjects. London, 1867. 8°. 519 pp.

867 *Proctor, R. A.* Light science for leisure hours. [Reprinted articles.] [1867-73.] Series i.-ii. London, 1871-73. 2 vols. 8°.

867 —— Same. First Series. [1867-71.] 5th ed. [Reprint.] London, 1898. 8°.

870* *Scafern, J. D.* Stray leaves of science and folk-lore. London, 1870. 8°. 496 pp.

875* *Glasgow Science Lectures Association.* [Lectures] delivered in the City Hall, Glasgow, 1875-77. London, etc., 1875-77. sm. 8°.

876 *South Kensington Museum.* Special loan collection of scientific apparatus. Conferences. [Vol. i. Physics and mechanics. ii. Chemistry, biology, physical geology, etc.] London, 1876. 2 vols. 8°.

889* *Badoureau, A.* Les sciences expérimentales en 1889. Paris, 1889. 8°. 255 pp.

901* *Lehmann, O.* Physik und Politik. Festrede. Karlsruhe, 1901. 8°. 55 pp.

903 *Snyder, C.* New conceptions in science. London, 1903. 8°. 373 pp.

906 *Shenstone, W. A.* The new physics and chemistry. A series of popular essays on physical and chemical subjects. [*Reprinted from the* "Cornhill Magazine."] London, 1906. 8°. 367 pp.

Science, logic of. *See* Epistemology; logic of science. BD 20

SCIENCE, POPULAR (*General treatises*). AC 80

*550/** *Cardan, J.* De subtilitate. Libri xxi. Norimbergæ, *apud J. Petreium*, 1550. fol. 18 ll. 371 pp.

*557** —— De rerum varietate. Libri xvii. Lugduni, *apud B. Honoratum*, 1580. sm. 8°. 944 pp. 1 pl.

*558** *Porta, G. B. della.* Magiæ naturalis sive de miraculis rerum naturalium, libri iiii. Antverpiæ, *officina Chris. Plantini*, 1561. 8°. 144 pp.

*558** —— Same. Libri viginti. Francofurti, *apud A. Wecheli heredes*, 1591. 8°. 675 pp.

*558** —— Natural magick. London, 1658, sm. folio. 417 pp.

*558/** —— La magie naturelle de Porta. Trad. par —— Duchesne. Précédé d'une Notice historique de la vie et des ouvrages de J. B. Porta. Paris, 1801. 8°. [inlaid to folio]. 3 vols. Chiefly MS.

*587** *Wecker, J. J.* De secretis libri xvii. Ex variis authoribus collecti, etc. Basileæ, *ex off. Pernæ*, 1587. 12°. 941 pp.

*587** —— Same. Basileæ, 1642. 8°. 710 pp.

*587** —— Les secrets et merveilles de nature. Revue, etc. Rouen, 1620. 8°. 919 pp.

*587** —— Eighteen books of the secrets of art and nature. Enlarged by R. Read. London, 1660. sm. fol. 365 pp.

*635** *Person, D.* Varieties; or a surveigh of rare and excellent matters, necessary and delectable for all sorts of persons. Wherein the principall heads of diverse sciences are illustrated, rare secrets of naturall things unfoulded, etc. [General science, military, and other matter.] London, 1635. 4°. 425 pp.

*639** *François, R.* pseud. [i.e., *É. Binet*]. Essai des merveilles de nature et des plus nobles artifices. IIe éd. Paris, 1639. sm. 8°. 623 pp.

Imperfect copy.

*650** *Bacon, F., Viscount St. Albans.* Sylva Sylvarum, or a Natural History. Added, [the "New Atlantis," and] the "History of Life and Death." 6th ed. London, 1651. fol.

1 & 2 Posthumous works.

*657** *Schott, G.* Magia universalis naturæ et artis. Pars. i. Optica. ii. Acoustica. iii. Mathematica [also mechanics and hydrostatics]. iv. Physica. [sympathetica, physiognomia, etc.]. Wurtzburg, 1657. 4 vols. 4°.

*664** —— Technica curiosa, sive mirabilia artis. Wurtzburg, 1664. 4°. 1,098 pp. 39 pl.

664 —— Another ed., dated 1687. 4°.

SCIENCE, POPULAR (*General treatises*)—continued.

*665/** *Kircher, A.* Mundus subterraneus [vol. i. The earth's centre; physical geology and geography; economic geology. Vol. ii. Fossils; mineral poisons and remedies; alchemy; generation of living creatures; distillation; glass-making; pyrotechny, etc.]. Amsterdam, 1665. 2 vols. in one fol.

*674** *Rohault, J.* Tractatus physicus. [Pars. i. Tractatus physici. ii. De cosmographia. iii. De entibus terrestribus. iv. De corpore animato.] Gallice emissus et Latinitate donatus per T. Bonetum. Geneva, 1674. 8°. 23 ll. 762 pp. 44 ll. 16 pl.

*674** —— Same. English ed. London, 1723. 2 vols. 8°.

*674** —— Same. 3rd ed. London, 1735. 2 vols. 8°.

*694/** *Leybourn, W.* Pleasure with profit; consisting of recreations of various kinds, viz., numerical geometrical, mechanical, statical, astronomical, horometrical, cryptographical, magnetical, automical, chymical and historical. London, 1694. fol. 397 pp.

*770** *Wesley, J.* A survey of the wisdom of God in the creation; or a compendium of natural philosophy. 2nd ed., [with Appendix]. Bristol, 1770. 3 vols. sm. 8vo.

*819** *Polehampton, J.*, and *Good, J. M.* The gallery of nature and art; or a tour through creation and science. 2nd ed. London, 1819. 6 vols. 8°.

*821** *Curiosities* for the ingenious: selected from . . . nature. science and art, biography, history, and general literature. London, *T. Boys*, 1821. 12°. 192 pp. (18,828)

*821** *Jamieson, A.* Universal science, or the cabinet of nature and art. [Vol. i. Mainly science. Vol. ii. Arts and manufactures.] London, 1821. 2 vols. 12°.

*825** *Bingley, W.* Useful knowledge: or, a familiar account of the various productions of nature; mineral, vegetable, and animal. 4th ed. London, 1825. 3 vols. 12°.

*834** *Good, J. M.* The book of nature. 3rd ed. London, 1834. 3 vols. sm. 8°.

A reprint of lectures, delivered in 18 , in natural history, philosophy, logic, and physiognomy.

*836** *Taylor, J.* The wonders of nature and art. 6th ed. London, 1836. sm. 8°. 574 pp. 37 pl.

*839** *Gilbert, L.* Beauties and wonders of nature and science. London, 1839. 8°. 286 pp. 58 pl.

*846** *Wonders.* The wonders of nature and art, with an an account of the recent improvements in locomotive travelling, etc. *W. Milner*, 1846. 16°. 448 pp. 4 pl.

SCIENCE, POPULAR (*General treatises*)—continued.

849 *Hunt, R.* The poetry of science; or, studies on the physical phenomena of nature. 2nd ed. London, 1849. 8°. 493 pp.

*856** *Lardner, D.* Common things explained. From "The Museum of Science and Art." London, 1856. sm. 8°. 192 pp.

858 *Timbs, J.* Curiosities of science, past and present. London, 1858. 256 pp. 1 pl.

*869** *Pepper, J. H.* Cyclopædic science simplified. London, 1869. sm. 8°. 698 pp. 1 pl.

*870** —— Cyclopædic science simplified. Revised ed. London, 1870. 16°. 700 pp.

870 —— Same. [Reprint.] London, 1895. 8°. 748 pp. 1 pl.

873 *Arriaga, J. J.* La ciencia recreativa. i. Agricultura, botanica. ii. Fisica, electridad estatica, meteorologia. iii. Cosmografia, geografia, industria. iv. Mineralogia, metalurgia, zoologia. Mexico, 1873-74. 4 vols. sm. 12°. 71 Nos. 72 pl.

878 *Buckley, A. B.* The fairy-land of science. London, 1878. sm. 8°. 252 pp.

878 *Science for all.* Ed. by R. Brown. London, 1878-81. 5 vols. 8°.

*881** *Tissandier, G.* Scientific amusements. [i. Half-hours of scientific amusement. ii. Marvels of astronomy. iii. Marvels of electricity. iv. Marvels of animal and plant life.] From the French, by H. Frith. London, [1881-?] 8°. 504 pp.

881 —— Popular scientific recreations in natural philosophy, astronomy, geology, chemistry, etc. Transl., etc., from "Les récréations scientifiques." London, [1882.] 8°. 787 pp.

SCIENCE, POPULAR (*Periodicals*). AC 79

1828-29. *Extractor.* Vol. 1-2. London. A 40 : 828

1829. *Mirror of Literature, Amusement and Instruction.* Vol. xiii. No. 374-406. London. A 40 : 829

1832-45. *Penny Magazine.* London. 14 vols. A 40 : 832

1832-41. *Saturday Magazine.* Vol. 1-25. London. A 40 : 832

1839-40. *Literary World.* Ed. J. Timbs. Vol. 1-3. London. A 40 839

SCIENCE, RECREATIVE, EXPERIMENTAL. AC 82

626** *Etten, H. van.*, pseud., [i.e., *I. Leurechon*]. Récréation mathématique, composée de plusieurs problèmes . . . en fait d'arithmétique, géométrie, méchanique, optique, etc. 2e éd. Paris, 1626. sm. 8°. 202 pp. 5 pl.

626** —— Mathematicall recreations; or a collection of sundrie problems extracted out of the ancient and modern philosophers, etc. [From the French.] London, 1633. 8°. 321 pp.

626** —— Same. Transl. W. Oughtred. London, 1653. 12°. 326 pp.

626** —— Same. Another ed. London, 1674. 12°.

630** *Mydorge, C.* Examen du livre des Recréations Mathématiques et de ses problèmes en géometrie, méchanique, optique et catoptrique, etc. [Partie 3. Composée dùn recueil de plusieurs plaisantes et recréatives inventions de feux d'artifice.] . . . [Par H. van Etten,] Partie 1-3. ["Notes" . . . par D[enis] H[enrion] P. E. M.] Paris, 1630. 8°.

651** *Ensl* [*? Ens or Ensz*], *G.* Thaumaturgus mathematicus. Nunc denuo correctior et auctior. Cologne, 1651. sm. 8°. 325 pp.

651** *Schwenter, D.* Deliciæ physico-mathematicæ, oder mathemat. und philosophische Erquickstunden. Nürnberg, 1651. 4°. *Imperfect at end.*

653** *Harsdörffer, G. P.* Delitiæ philosophicæ et mathematicæ. Der philosophischen und mathematischen Erquickstunden, dritter Theil. Nürnberg, 1653. 4°. 708 pp. *A continuation of preceding work.*

667** *Joco-seriorum* naturæ et artis, sive magiæ naturalis, centuriæ tres. [Frankfurt], *J. A. Cholinus*, 1667. 4°. 375 pp. 22 pl.

Variously attributed to G. Schott and A. Caramuel.

696** *Ozanam, J.* Récréations mathématiques et physiques . . . avec un Traité nouveau des horloges élémentaires. Paris, 1696. 8°. 620 pp. 78 pl.

741* —— Récréations mathématiques et physiques. Nouv. éd. Paris, 1741. 4 vols. 8°.

787* *Hooper, W.* Rational recreations, in which the principles of numbers and natural philosophy are clearly and copiously elucidated by a series of experiments. 3rd ed. London, 1787. 4 vols. 8°.

790* *Petites.* Les petites aventures de Jérome Sharp, Prof. de physique amusante. Par l'auteur de "La magie blanche," [*i.e.* Henri Decremps]. Bruxelles, 1790. 8°. 278 pp. 1 pl.

SCIENCE, RECREATIVE, EXPERIMENTAL—*continued.*

793 *Encyclopédie méthodique.* Dictionnaire encyclopédique des amusemens des sciences mathématiques et physiques, des procédés curieux des arts; des tours récréatifs et subtils de la magie blanche, et des découvertes ingénieuses et variées de l'industrie. [Par J. Lacombe.] Paris, 1793. 4° and atlas.

799 *Guyot, E. G.* Nouvelles récréations physiques et mathématiques. Paris, 1799. 3 vols. 8°.

*891** *Endless* amusement; a collection of nearly 400 entertaining experiments in various branches of science; added, a complete system of pyrotechny; or the art of making fireworks. London, [18°.] 18°. 216 pp. 1 pl.

*801** —— Same. 2nd ed. London, *Thorp and Burch.* [1819?]. 18°. 216 pp. 1 pl.

*801** *Endless.* A sequel to the Endless Amusement, containing nearly four hundred interesting experiments in various branches of science. London, *T. Boys.* [1826?]. 18°. 216 pp. 1 pl.

803 *Ozanam, J.* Recreations in mathematics and natural philosophy. New ed., by J. E. Montucla. Transl., etc., C. Hutton. London, 1803. 4 vols. 8°.

*814** —— Recreations in mathematics and natural philosophy. New ed., by J. S. Montucla. Transl., with additions, by C. Hutton. London, 1814. 4 vols. 8°.

*820** *B., J.* [*i.e.* John Badcock]. Philosophical recreations or winter amusements. London, *T. Hughes, etc.* [182?]. sm. 8°. 215 pp. 1 pl.

For continuation *see* next entry.

*823** *Badcock, J.* Domestic amusements, or philosophical recreations. [Mechanical inventions, etc., natural phenomena; chemical preparations, etc.] London, 1823. 12°. 230 pp. 1 pl.

A continuation of the preceding work.

*824** *Rational* recreations. Midsummer, 1824. 2nd ed. London, *Knight and Lacey.* [1824]. 12°. 228 pp.

827 *Philosophy* in sport made science in earnest. [By J. A Paris.] 6th ed. London, 1846. sm. 8°. 517 pp.

First published in 1827.

*827** *Vergnaud, P.* Manuel des jeunes gens; ou, sciences, arts et récréations. [Amusements d' arithmétique, magnétiques, optiques, aérostatiques et chimiques, tours de magie, etc.] Trad. de l'Anglais. Paris, 1831. 2 vols. 18°.

In part translated from the anonymous work of Paris entitled "Philosophy in Sport," etc.

SCIENCE, RECREATIVE, EXPERIMENTAL—*continued.*

833 *Brewster, Sir D.* Letters on natural magic. London, 1833. 24°. 359 pp.

837* *Richard, T.* Nouveau manuel des jeux; contenant des théories scientifiques sur les jeux les plus usuels. [Founded on the English work, "Philosophy in sport made science in earnest."] Paris, 1837. 2 vols. 18°.

838 *Parlour* magic. London, *Whitehead and Co.*, 1838. 16°. 193 pp.

839* *Brewster, Sir D.* Nouveau manuel de magie naturelle. Publié par A. D. Vergnaud. Paris, 1839. 18°. 286 pp. 3 pl.

850 *Julia de Fontenelle, J. S. E.* Nouveau manuel complet de physique amusante, ou nouvelles récréations physiques [et chimiques]. Nouv éd., par C. J. F. Malepeyre. Paris, 1850. 18°. 438 pp. 4 pl.

887 *Stephen, J.* Playground of science; a series of novel and interesting scientific experiments. London, 1887. sm. 8°. 112 pp.

888 *Tissandier, G.* Les récréations scientifiques. 5e éd. Paris, 1888. 8°. 300 pp. 1 pl.

896 *Schweiger-Lerchenfeld, A. von.* Das Buch der Experimente. Physikalische Apparate und Versuche. Mechanische Operationen. Naturwissenschaftliche Liebhabereien. Wien, 1896. 8°. 402 pp.

Sciences, classification. *See* Classification of Knowledge. BD 55

Scientific literature, classification. *See* Book Classification: Science. AN 69 ci

Scientific Men, correspondence. *See* Correspondence, Scientific (*Collections*). AD 06

SCIENTIFIC MEN: DIRECTORIES. AC 62

894* *Scientists' International Directory.* Ed. S. E. Cassino. Boston, 1894. 8°.

906 *American men of science.* A biographical directory. Ed. by J. M. Cattell. New York, 1906. 8°.

SCIENTIFIC MEN: LIVES. AC 60

1730. *Doppelmayer, J. G.* Historische Nachricht von den Nürnburgischen Mathematicis und Künstlern. [Theil i. Mathematicis.] Nürnberg. fol. AB 7433/*

764 *Martin, B.* Biographia philosophica, being an account of the lives, writings, and inventions of the most eminent philosophers and mathematicians. London, 1764. 8°. 571 pp.

773 *Savérien, A.* Histoire des philosophes modernes avec leurs portraits. [3e éd.] Paris, 1773. 8 vols. 12°.

832** *Biographies* of scientific men of the 18th century [being a portion of the copy supplied by various writers for the "Georgian Era"]. MS. [1832-34.] 4°.

24 Memoirs, Arkwright to Milner.

844 *Cantu, I.* L'Italia scientifica contemporanea. Notizie sugli Italiani ascritti ai cinque primi congressi, etc. Milano. 2 vols. in one. 8°.

845 *Brougham, H. P., Lord.* Lives of men of letters and science who flourished in the time of George III. London, 1845-46. 2 vols. 8°.

855 —— Lives of philosophers of the time of George III. London, 1855. 12°. 507 pp.

857 *Arago, D. F. J.* Biographies of distinguished scientific men. From the French by W. H. Smyth, etc. London, 1857. 8°. 615 pp.

Memoirs of Arago, Bailey, Herschel, Laplace, Fourier, Carnot, Malus, Fresnel, Young & Watt.

1858-1904. *Poggendorff, J. C.* Biographisch-literarisches Handwörterbuch zur Geschichte der exacten Wissenschaften. Leipzig, 4 vols. in six. 8°. AC 50

866 *Figuier, G. L.* Vies des savants illustres depuis l'antiquité jusqu'au dix-neuvième siècle. [i.] Savants de l'antiquité. 1866. [ii.] Savants du moyen âge. 3rd éd. 1883. [v.] Savants du xviiie siècle. 3e éd. 1879. Paris, 1866-83. 3 vols. 8°.

SCIENTIFIC MEN: PORTRAITS. AC 61

860* *Weld, C. R.* Descriptive catalogue of the portraits in the possession of the Royal Society. London, 1860. 8°. 75 pp.

SCIENTIFIC RESEARCH: METHODS. BE 806.

1840. *Evans, O.* The young millwright, etc. [Chap. 24. The true path to inventions with examples. pp. 347-56.] 10th ed. by T. P. Jones. Philadelphia. 8°. (916)

1851. *Hunt, R.* On the importance of cultivating habits of observation. *Royal School of Mines.* Records. Vol. i. Pt. i. pp. 63-80. G. 60 : 852 a

*872** *Gore, G.* On the future extension of Birmingham industries [by the encouragement of scientific research]. [Reprint.] 1872. 8°. 8 pp.

878 —— The art of scientific discovery or the general conditions and methods of research in physics and chemistry. London, 1878. 8°. 668 pp.

894 *Martin, J.* Chats on invention being an attempt to train the faculties of invention. [Reprint.] London, 1894. 8°. 146 pp.

SCIENTIFIC RESEARCH: ORGANISATION. BE 805

*636*** *Musæum Minervæ.* The constitutions of the Musæum Minervæ. [Edited by Sir F. Kynaston, Regent of the College.] London, *T. Spencer*, 1636. sm. 4°. 32 pp.

1696. *Bellers, J.* Proposals for raising a college of industry for all useful trades and husbandry. London. 4°. 32 pp. AS 1428**

*823** *Tavistock Institution.* A discourse on the use of lectures, as means to acquire and communicate knowledge. Tavistock, 1828. 8°. 129 pp.

*830** *Babbage, C.* Reflections on the decline of science in England. London, 1830. 8°. 244 pp.

*830** —— *Alleged.* On the alleged decline of science in England. By a Foreigner. Preface by M. Faraday. London, 1831. 8°. 33 pp.

*853** *Daubeny, C. G. B.* Can physical science obtain a home in an English university? Oxford, 1853. 8°. 26 pp.

*867** [*Dircks, H.*] The Polytechnic College: a proposed institution for aiding depressed talent to complete works in progress connected with science, literature, and art. London, 1867. 8°. 16 pp.

*873** *Gore, G.* The promotion of scientific research. [Reprint.] London, 1873. 8°. 28 pp.

*873** —— The national importance of scientific research. [Reprint.] Birmingham, 1873. 8°. 23 pp.

874 *Becker, B. H.* Scientific London. [History, etc., of London scientific societies and institutions.] London. sm. 8°. 348 pp.

SCIENTIFIC SOCIETIES: DIRECTORIES. AC 95

897* *Minerva.* Jahrbuch der gelehrten Welt. Jahrg. 7, etc. Strassburg, 1897, etc. 12°.

Current vol. kept in dais.

903* *Annuaire International des Sociétés Savantes.* Ed. H. Delaunay. Paris, 1903, etc. 8°.

Current vol. kept in dais.

Scientific terms, Dictionaries (*a*) in one language. *See* under Names of languages (*b*) in two languages, Technical Dictionaries (*c*) in more than two languages. *See* Polyglot.

SCILLY ISLANDS: HISTORY. AR 43489 q

814* *Hawkins, Sir C.* Observations on the tin trade of the ancients in Cornwall, and on the "Ictis" of Diodorus Siculus. London, 1814. 8°. 80 pp. 1 pl.

SCOTCH AND ENGLISH DICTIONARIES. AA 38

808 *Jamieson, J.* Etymological dictionary of the Scottish language, with Supplement. Edinburgh, 1808-25. 4 vols. 4°.

879 —— An etymological dictionary of the Scottish language. New ed. by J. Longmuir and D. Donaldson. [Supplement . . . with memoir and introduction by D. Donaldson.] Paisley, 1879-87. 5 vols. fol.

SCOTLAND: ANTIQUITIES. AR 4427 1

857* *Buist, G.* On the Oriental character of certain Northern antiquities. [Bombay.] 1857. 8°. 13 pp.

884* *Wise, T. A.* History of Paganism in Caledonia, with an examination into the influence of Asiatic philosophy, and the gradual development of Christianity in Pictavia. London, 1884. 4°. 296 pp. 2 pl.

901* *Glasgow International Exhibition*, 1901. Official catalogue of the Scottish history and archæology section. Glasgow, [1901]. 8°. 278 pp. 2 pl.

SCOTLAND: GAZETTEERS. AQ 33

842 *Topographical.* The topographical, statistical and historical Gazetteer of Scotland. Glasgow, *Fullarton*, 1842. 2 vols. 8°.

SCOTLAND: INDUSTRIES. AR 4427 1

*727** *Reason.* Reasons for improving the fisheries and linen manufacture of Scotland. London, *J. Roberts*, 1727. 8°. 31 pp.

*733*** *Interest.* The interest of Scotland considered with regard to its police . . . agriculture, trade, etc. Edinburgh, *R. Flemming & Co.*, 1733. 8°. 279 pp. Engr. title.

*777** *Anderson, J.* Observations . . . intended to promote the agriculture, commerce, manufactures and fisheries of Scotland. Edinburgh, 1777. 4°. 575 pp.

*803** *Sinclair, Sir J.* Hints submitted to . . . the Select Committee [on the] Survey of the Coasts and Central Highlands, etc. [on domestic colonization]. [London, *W. Bulmer & Co.*, printers, 1803.] 4°. 11 pp.

869 *Bremner, D.* The industries of Scotland: their rise, progress, and present condition. Edinburgh, 1869. 8°. 543 pp.

876 *Day, St. J. V. and others.* Notices of the principal manufactures of the West of Scotland.

i. Iron and steel industries. By St. J. V. Day.
ii. Engineering and shipbuilding. By J. Mayer.
iii. Textile industries. By J. Paton.
iv. Chemical manufactures. By J. Ferguson.

Glasgow, 1876. 8°. 252 pp. 1 pl. Map.

*901** *British Association.* Local industries of Glasgow and the West of Scotland. Edited by A. McLean. Glasgow, 1901. 8°. 288 pp. 2 pl.

SCOTLAND: NORTHERN AND WESTERN ISLANDS. AR 44239

*751** *Voyage.* A voyage to Shetland, the Orkneys, and the western islands of Scotland. [With an account of the herring fishery.] London, *C. Corbet*, 1751. 8°. 73 pp.

*787** *Extracts* from the publications of Knox, Anderson, Pennant and Johnson relative to the northern and north-western coast of Great Britain. London, *Macræ, printer*, 1787. 8°. 31 pp.

SCOTLAND: WESTERN ISLANDS. AR 4429

*819** *Macculloch, J.* A description of the Western Islands of Scotland including the Isle of Man, comprising . . . their geological structure . . . agriculture, scenery and antiquities. London, 1819. 2 vols. 8° and 4° atlas.

Secrets, books of. *See* Receipt books AB 40, and under name specific profession or industry. Subhead (*Receipts*).

Serial literature. *See* **Periodical Publications.**

SHEFFIELD. **AR 43226**

*824** *Picture.* The picture of Sheffield (with plates and plan). Sheffield, *G. Ridge*, 1824. 12°. 263 pp. maps and 9 pls.

*830** [*Thomas, J.*] The local register and chronological account of occurrences, etc., connected with . . . Sheffield. Sheffield, 1830. 8°. 251 pp.

*852** *Sheffield* as it is. [Guide.] Sheffield, 1852. 12°. 104 pp. Map.

*869/** *Hunter, J.* Hallamshire. The history and topography of the parish of Sheffield in the county of York. New ed. by A. Gatty. London, 1869. fol. 526 pp. pl.

*873** *Gatty, A.* Sheffield, past and present. Sheffield, 1873. sm. 4°. 361 pp. Front.

SHOP-WINDOW DRESSING. **AW 964**

906/ *Koester, A. A.* The Koester system of draping. Chicago, [1906]. obl. 4°. 131 pp.

906 *Merchants' Record Co.* The art of decorating show windows and interior. 3rd ed. Chicago, [1906]. 4°. 409 pp.

906 *Schottlaender and Co.* Der Schaufenster-Dekorateur. 6te. Aufl. Berlin, [1906]. 2 vols. in one. 8°

SHOW CASES. **AW 966**

1903. *Baker, E. B.* Airtight case-making. *Sutcliffe, G. L.* The modern carpenter, joiner, etc. Div. vii. pp. 221-233. 4°. (30,464)

SIAM. **AR 688**

*904** *Saint Louis Exhibition*, 1904: *Siamese Comm.* The Kingdom of Siam. Ed. A. C. Carter. New York, 1904. sm. 8°. 291 pp. pl.

SIBERIA: INDUSTRIES. **AR 65**

*899** *Philadelphia Commercial Museum.* Siberia a coming ma ket. [Containing a description of the products and manufactures of Siberia.] Philadephia, 1899. 8°. 80 pp.

SILESIA. AR 4715

*793** *Zöllner, J. F.* Briefe über Schlesien, Krakau, Wieliczka, und die Grafschaft-Glatz auf einer Reise im Jahr 1791. Mit Kupfern. Berlin, 1791-93. 2 vols. 8°.

Silver currency. *See* Precious Metals, Economics. AW 141

Skull measurement. *See* Craniology. AP 81

Society publications, National, lists and directories. *See* Bibliography, National. AG 10-99 (*Div. i.* Periodical publications, lists, etc.)

Sociology. *See* Economic and Political Science. AT 97-99

SOUTH AFRICA. AR 74

*889** *Ingram, J. F.* The land of gold, diamonds and ivory . . . South and East Africa—[a handbook for the settler or tourist]. London, 1889. 8°. 230 pp. 10 pl. map.

SOUTH AUSTRALIA. AR 214

*850** *Chauncy, S. W.* A guide to South Australia. 2nd ed. London, 1850. 12°. 84 pp. Map.

*886** *Colonial and Indian Exhibition*, 1886: *South Australian Comm.* South Australia: a sketch of its history and resources. By J. F. Conigrave. [Adelaide, 1886.] 8°. 182 pp. 8 pl.

SOUTH AUSTRALIA: INDUSTRIES. AR 214 1

*862** *London International Exhibition*, 1862: *South Australian Comm.* An account of the colony. By F. Sinnett. With a catalogue of all the products of South Australia exhibited. London, 1862. 8°. 108 pp. Map.

*867** *Paris Univ. Exhibition*, 1867: *South Australia Comm.* Catalogue of contributions, etc. Adelaide, 1866. 8°. 31 pp.

SOUTH CAROLINA. AR 866

*883** *South Carolina, Board of Agriculture.* South Carolina. Resources and population. Institutions and industries. [By H. Hammond.] Charleston, S.C., 1883. 8°. 734 pp. Map.

SPAIN: INDUSTRIES. AR 461 1

787* *Memorias Políticas y Económicas sobre los frutos, comercio, fábricas y minas de España.* Por E. Larruga. Madrid, 1787-1800. 45 vols. 8°.

872* *London International Exhibition*, 1862: *Spanish Comm.* Spanish Department. Official catalogue. (Spanish and English.) London, 1862. 8°. 220 pp.

873* *Vienna Univ. Exhibition*, 1873: *Spanish Comm.* Catalogue général de la section espagnole. Vienne, 1873. 8°. 280 pp.

SPALATRO: DIOCLETIAN'S PALACE. AR 5697 1

764‖ *Adam, R.* Ruins of the Palace of Diocletian at Spalatro in Dalmatia. London, 1764. fol.

SPANISH AND ENGLISH DICTIONARIES. AA 12 ke

854. *Elwes, A.* A dictionary of the Spanish and English, and English and Spanish languages. London, 1854. 8°. 596 pp.

Imperfect copy.

877 *Velázquez de la Cadena, M.* A pronouncing dictionary of the Spanish and English languages. In two parts. New York, 1877. 8°.

888 *Lopez, J. M. and others.* Nuevo diccionario Inglés-Español y Español-Inglés. Paris, 1888. 2 vols. in one. l. 8°.

903 *Velázquez de la Cadena, M.* A new pronouncing dictionary of the Spanish and English languages. Revised and enlarged by E. Gray and J. L. Iribas. Part i. Spanish-English. ii. English-Spanish. New York, 1903. 2 vols. l. 8°.

Spanish Dictionaries, Polyglot. *See* Polyglot Dictionaries AA 96; Technical Dictionaries, Polyglot. AA 98

Spanish Dictionaries, Technical. *See* Technical Dictionaries; Bilingual. (Spanish and English.) AA 97 se

SPANISH LANGUAGE: DICTIONARIES. AA 12

869 *Dominguez, R. J.* Diccionario nacional, etc. 11a ed. Con un nuevo suplemento. [Madrid], 1869. 2 vols. in one. 4°.

Dictionary of Spanish words, names and places, based in part upon the dictionary of Landais.

SPANISH LANGUAGE: GRAMMAR. AA 12

1852. *Elwes, A.* A grammar of the Spanish language. London. 12°. 156 pp. AA 12 ke
Imperfect copy.

Spiritualism. *See* Occult Sciences: Spiritualism. BB 50. Philosophy; Materialism and Spiritualism. BC 86

SPITZBERGEN. AR 5405

*818** *Laing, J.* A voyage to Spitzbergen . . . With an appendix, containing an historical account of the Dutch, English, and American whale fisheries; some important observations on the variation of the compass, etc. 2nd ed. Edinburgh, 1818. 8°. 172 pp.

STAFFORDSHIRE. AR 4335

*686/** *Plot, R.* The natural history of Staffordshire. Oxford, 1686. fol. 8 ll. 450 pp. 7 ll. 37 pl. map.

STAMPS, POSTAGE. AV 10

*852** *Parliament.* Postage stamps. Report from the Select Committee on Postage Label Stamps, with proceedings, and minutes of evidence. [Henry Archer's Patent for perforating postage stamps, No. 12,340 of 1848.] London, 1852. 8°. 274 pp.

Standard weights and measures. *See* Measures, weights and money. AW 20-54

State Paper Catalogues, etc. *See* Bibliography, National. AG 10-99 (*Div. u, State Paper Catalogues and Indexes.*)

STATISTICS. AT 10

*832** *Babbage, C.* On the advantage of a collection of numbers to be entitled the constants of nature and art. [Excerpt.] [Edinburgh], 1832. 8°. 8 pp.

877° *Hübner, —.* Hübner's universal statistical table, 1877. London, 1877. Broadside (2 sheets).

STATISTICS: BIBLIOGRAPHY AT 11

*908** *Royal Statistical Society.* Catalogue of the Library of the Royal Statistical Society. London. 8°. 262 pp.

SUMATRA. AR 6995

1614. *Hague, R.* Tracts . . . on India . . . also, an account of Sumatra. [pp. 395-449.] London. 4°. AR 69

SUNDERLAND. AR 43168

818° *Garbutt, G.* A historical, etc., view of Monkwearmouth and Bishopwearmouth and the port, etc., of Sunderland. [Appendix.] Sunderland, 1819. 8°. 2 pts.

Contains view of iron bridge erected in 1796, and notes on local industries.

SUPERNATURAL BEINGS AND EVENTS. BB 45

533°° *Vergil, P.* Dialogi de prodigiis . . . ab ipso autore jam denuo recogniti. Basle, *J. Bebel*, 1533. 8°. 135 pp.

542°° *Celestino, C.* De his quæ mundo mirabiliter eveniunt, ubi de sensuum erroribus, et potentiis animæ, ac de influentiis cœlorum . . . opusculum. Ed. Orontius F[inæus]. Paris, *S. Colinæus*, 1542. 4°. ll. iv., 1-36.

661°° Ἐνιαυτὸς Τεράστιος. Mirabilis Annus; or the year of prodigies and wonders; being a faithful and impartial collection of several signs that have been seen in the heavens, in the earth, and in the waters, etc. [London], 1661. 4°. 4 ll. + 88 pp. 1 folding pl.

696° *Aubrey, J.* Miscellanies upon . . . fatality, omens, apparitions, prophesies, visions in a beril, or glass, corpse-candles, etc. 2nd ed. London, 1721. sm. 8°. 16 + 236 pp. 1 pl.

697/° *Turner, W.* A compleat history of the most remarkable providences. . . . Added, whatever is curious in the works of nature and art. London, 1697. fol. 2 pts. in one.

Sweden, bibliography. *See* Bibliography, National: Sweden. AG 77

SWEDEN: INDUSTRIES. AR 52 1

862 *London International Exhibition: Swedish Comm.* Catalogue of works of industry and art. London, 1862. 8°. 74 pp. Plans.

Swedenborgian philosophy. *See* Philosophy—Swedenborg. Schools: BC 59

SWEDISH AND ENGLISH DICTIONARIES. AA 30

800 *Burt, A. L.* Burt's Swedish-English [and English-Swedish] Dictionary. New ed. New York, [18 ?]. Pts. 1 and 2. sm, 8°.

856 *New* Swedish-English [and English-Swedish] Pocket dictionary. Stockholm, *Hjerta*, 1856. 2 vols. 24°.

856 *New.* A new pocket-dictionary of the English and Swedish languages. Stereotype ed. [in 2 parts]. Leipzig, *Tauchnitz*, [1856 ?]. 24°. 774 pp.

875 *Nilsson, L. G. and others.* Engelsk-Svensk Ordbok med Walker's uttalsbeteckning. Stockholm, 1875. 8°. 1,304 pp.

881 *Öman, V. E.* Svensk-Engelsk Hand-Ordbok. Ny upplaga stereotyperad. Stockholm, [1881]. 8°. 470 pp.

889 *Björkman, C. G.* Svensk-Engelsk Ordbok. Stereotyperad upplaga. Stockholm, 1889. 8°. 1,360 pp.

SWITZERLAND: INDUSTRIES. AR 38 1

*873** *Vienna Univ. Exhibition*, 1873: *Swiss Comm.* Katalog. Winterthur, 1873. 8°. 288 pp. 2 plans.

883 *Schweizerische Landesausstellung, Zurich*, 1883. Berichte. Gruppe 1-41. Zurich, 1884. 41 pts. in 6 vols. 8°.

896/ *Geneva. Exposition Nationale Suisse*, 1896. Rapport technique. Genève, 1898. 4°. 904 pp.

Synonyms, national. *See under* name of language. AA 01-90 (*Div. e. Synonyms.*)

TABLE TURNING. BB 56

[1856.] Les tables tournantes et les manifestations prétendues surnaturelles. *Babinet, J.* Etudes, etc. sur les sciences d'observation. Vol. 2. pp. 7-56. 12°. AC 90

1859. *Faraday, M.* On table-turning [and] Experimental investigation of table-moving. *In his* Experimental researches in chemistry and physics. pp. 382-91. 8°. (8,787)

*871** *Crookes, W.* Psychic force and modern spiritualism; a reply to "The Quarterly Review" and other critics. London, 1871. 8°. 24 pp.

TAMIL AND ENGLISH DICTIONARIES. AA 68

894 *Pope, G. U.* A handbook of . . . the Tamil language. Part 3. Dictionaries—Tamil-English and English-Tamil. London, 1894. 8°. 357 pp.

TASMANIA. AR 22

1890-92. *Tasmania.* Official Record, etc. Hobart. 3 vols. 8°. A 90 AT

1892-98. —— Handbook. Hobart. 2 vols. 8°. A 90 AT

TASMANIA: INDUSTRIES. AR 22 1

862 *London Internat. Exhibition,* 1862: *Tasmanian Comm.* The products and resources of Tasmania. By G. Whiting. Appendix on the vegetable products, etc. By W. Archer, etc. Hobart, 1862. 8°. 37 pp.

862 —— Same. 2nd ed. Hobart, 1862. 8°. 49 pp.

TAXATION: UNITED KINGDOM. AV 468426

833 *Treasury, Lords Commissioners of the.* Reports of the Commissioners of Inquiry into the Excise establishment and into the management and collection of the excise revenue throughout the United Kingdom. With Digests and Index. London, 1833-36. 22 pts. fol. [*Report 6 absent.*]

Technical Dictionaries (self defined). *See* under name of language. (*Div. g. Technical terms.*)

TECHNICAL DICTIONARIES, BILINGUAL. AA 97

(*Dutch and English.*) AA 97 de

901 *Poelman, P. T.* Werktuigkundig-technisch Woordenboek. Engelsch-Nederlandsch, Nederlandsch-Engelsch. Amsterdam, 1901. 16°. 179 pp.

(*Esperanto and French.*) AA 97 es

907 *Verax, C.* Vocabulaire technique et technologique Français-Esperanto. Paris, [1907]. 8°. 140 pp.

TECHNICAL DICTIONARIES, BILINGUAL—*continued.*

(*French and English.*) AA 97 fe

1786. *Ludlam, W.* A vocabulary of English and French technical terms. [Appended to] His Introduction and notes on M. Bird's method of dividing astronomical instruments. pp. 25-33. 1786. 4°. (2289)

885 *Vivant, E.* Dictionnaire technique Anglais-Français. Paris, 1885. 8°. 578 pp.

899 *Lovendal, A. S.* Dictionnaire technique, Français-Anglais des outils et ustensiles employés dans les métiers manuels, etc. Paris, [1899]. sm. 8°. 166 pp.

Chiefly of words not to be found in other dictionaries.

900 *Standring, J. A.*, and *Thimm, C. A.* Technical words and phrases: an English-French and French-English Dictionary of technical and business terms. London, [1900]. 12°. 182 pp.

904 *Lvaff, —.* The Engineers' pocket dictionary, French-English. London, [1904]. sm. 8°. 80 pp.

(*French and German.*) AA 97 fg

866 *Kaltschmidt, J. H.* Kleines vollständiges praktisches und techno-terminologisches Wörterbuch, französisch-deutsch und deutsch-franz. Leipzig, [1866]. 2 vols. 8°.

878 *Wershoven, F. J.* Vocabulaire technique Français-Allemand. Leipzig, 1878. sm. 8°. 168 pp.

(*German and English.*) AA 97 ge

882 *Eger, G.* Technological Dictionary in the English and German languages. Revised, etc., by O. Brandes. Brunswick, 1882-86. 2 vols. 8°.

Two copies.

885 *Wershoven, F. J.* Naturwissenschaftlich-technisches Wörterbuch. i. Teil. Englisch-Deutsch. ii. Teil. Deutsch-Englisch. Berlin, 1885. 2 vols. 12°.

907 *Lesser, E.* Englisch-Deutsches Fachwörterbuch des Maschinenbaues und der Elektro-technik. Weimar, [1907]. sm. 8°. 84 pp.

TECHNICAL DICTIONARIES, BILINGUAL—*continued*.

(*German and Russian.*) AA 97 gr

872 *Grachow, I.* Deutsch-russisches wissenschaftlich-technisches Kunstwörterbuch. St. Petersburgh, 1872. 2 vols in one. sm. 8°.

(*Spanish and English.*) AA 97 se

859 *Pocket* dictionary of Spanish technical terms. Birmingham, *C. Redfern*, 1859. sm. 8°. 100 pp.

883 *Ponce de Leon, N.* Diccionario tecnologico. Inglés-Español y Español-Inglés. New York, 1883-93. 2 vols. 18°.

906 *Garcia, A. J. R. V.* Dictionary of engineering terms in English and Spanish, with indexes in both languages. London, 1906. 16°. 186 pp.

TECHNICAL DICTIONARIES, POLYGLOT. AA 98

679** *Pomey, F.* Indiculus universalis; or, the universe in epitome, wherein the names of . . . the works of nature . . . arts, and sciences are in English, Latin, and French . . . digested. Enlarged by A. Lovell. London, 1679. 8°.

853 *Beil, J. A. and others.* Technologisches Wörterbuch der deutschen, französischen und englischen Sprache. [Band i. Deutsch-französisch-englisch. Hrsg. J. A. Beil; Mit einem Vorwort von K. Karmarsch; ii, Englisch, etc. Hrsg. T. Franke; iii. Français, etc. Ed. C. Rumpf et O. Mothes.] Wiesbaden, etc., 1853-68. 3 vols. 8°.

Generally known under the name of Karmarsch, who contributed the preface.

854 *Tolhausen, A. and others.* Dictionnaire technologique Français-Anglais-Allemand. Paris, 1854-55. 3 vols. sm. 8°.

866 *Fellmer, R.* Wörterbuch der practischen Mechanik und des Maschinenbaues in deutsch-französisch-englischer, etc., Sprache. 2te Aufl. Berlin, 1886. 8°.

867 *Kramers, J.* Technologische Woordentolk in vier talen, etc. Gouda, [1867-] 1874. 8°. 1226 pp.

Dutch-German-English-French technical dictionary in one alphabet.

868 *Rebouças, A.* Ensaio de um vocabulario dos termos technicos da arte de construir, etc., nas linguas franceza, inglea e nacional. [A-C all publ.] Rio de Janeiro, 1868-69. 3. 8°.

TECHNICAL DICTIONARIES, POLYGLOT—*continued.*

868 *Tolhausen, A.* A dictionary of engineering terms. (i.) French - English, etc. (ii.) German - English, etc. (iii.) Italian - English, etc. (Reprinted from the "Engineer.") London, 1868-73. 3 pts. 8°.

869 *Beil, J. A., and others.* Technologisches Wörterbuch, etc. Mit einem Vorwort von K. Karmarsch. [i.] Deutsch-Englisch - Französisch. Hrsg. W. Unverzagt. [ii.] English - German - French Ed. Mothes. 2te Aufl. Wiesbaden, 1869-70. 2 vols. 8°.

872 *Rumpf, C., and others.* Technisches Taschen- Wörterbuch für Industrie und Handel, Deutsch-Englisch-Französisch. (Abridged from the Dictionary of Beil and others with the addition of commercial terms.) Wiesbaden, 1872. 3 vols. 16°.

873 *Tolhausen, A.* Technological Dictionary in the French, German, and English languages. [1] French-German - English. [2] English - German - French. [3] German-English-French. Revised by L. Tolhausen. Leipzig, etc., 1873-76. 3 vols. sm. 8°.

877 *Beil, J. A., and others.* Technologisches Wörterbuch. Mit einem Vorwort von K. Karmarsch. Band i. Deutsch-Englisch-Französisch. Hrsg. C. von Albert. Band ii. English-German-French. Ed. C. Rumpf, and others. Band iii. Français-Allemand-Anglais. Hrsg. E. Röhrig. 3te Aufl. Wiesbaden, etc., 1877-87. 3 vols. 1. 8°.

877 *Clairac y Saenz, P.* Diccionario general de arquitectura é ingenieria. Con una introduccion por E. Saavedra [A-Mar]. Madrid, 1877-91. 5 vols. 8°. *All pub.*

878 *Tolhausen, A.* Technological Dictionary in the English, German, and French languages. 2nd ed., with supplement, Leipzig, 1878. 2 vols. sm. 8°.

German-English-French part not published.

881 *Société Impériale Polytechnique en Russie.* Dictionnaire technologique Francais - Russe - Allemand - Anglais. Éd. P. Andréeff, etc. St. Petersbourg, 1881. 8°. 978 pp.

887 *Crugnola, G.* Dizionario tecnico di ingegneria e di architettura nelle lingue Italiana, Francese, Inglese e Tedesca. Torino [1887, etc.] 8°. *In progress.*

887 *Beil, J. A. and others.* Technologisches Wörterbuch, etc. Mit einem Vorwort von K. Karmarsch. Band i Deutsch - Englisch - Französisch. Hrsg. E. Röhrig. Band ii. English-German-French. Ed. E. Dill, E. von Hoyer, and E. Röhrig. 4te Aufl. Wiesbaden, etc., 1888-91. 2 vols. 8°.

TECHNICAL DICTIONARIES, POLYGLOT—*continued.*

889 *Offinger, H.* Deutsch - Englisch - Französisch - Italienisches technologisches Taschenwörterbuch. Stuttgart, 1889-90. 4 vols. sm. 8°.

897 *Webber, E.* Technisches Wörterbuch in vier Sprachen. Deutsch - Italienisch - Französisch - Englisch. Berlin, 1879-99. 4 vols. sm. 8°.

898 *Heyne, P.* Praktisches Wörterbuch der Elektrotechnik und Chemie mit bes. Berücksicht. der modernen Maschinentechnik, Giesserei und Metallurgie in Deutscher, Englischer und Spanischer Sprache. Bd. i. Deutsch - Englisch - Spanisch. ii. Englisch-Spanisch - Deutsch. iii. Español - Alemán - Inglés. Dresden, 1898-1900. 3 vols. 8°.

901 *Tolhausen, A.* Technological dictionary in French, German, and English. 4th ed., by L. Tolhausen. [Fr.-All.-Angl. avec Sup't. 1901; Engl.-Germ.-Fr. Sup't. 1902; Deutsch-Engl.-Fr. Nachtrag 1902]. Leipzig, 1901-02. 3 vols. 8°.

902 *Bell, J. A., and others.* Technologisches Wörterbuch. 5te Aufl., von E. von Hoyer and E. Kreuter. Vol. i. Deutsch-Englisch-Französisch; ii. Englisch-Deutsch - Französisch; iii. Französisch - Deutsch - Englisch. Wiesbaden, 1902-04. 3 vols. 8°.

903 *Isendahl, W.* Maschinentechnisches Taschen-Worterbuch in drei Sprachen (Franz.-Deutsch - Englisch) mit bes. Rücksicht auf Automobilismus und Elektrotechnik. Berlin, 1902, etc. — vols. sm. 8°.

906 *Huelin y Arsuz, C.* Technological dictionary in the English, Spanish, German, and French languages. Madrid, 1906, etc. sm. 8°. *In progress.*

906 *Deinhardt, R.,* and *Schlomann, A.* Technical dictionaries. English, German, French, Italian, Spanish, Russian. Vol. 1, etc. London, 1906, etc. sm. 8°.

Vol. 1. Machine elements, etc., for working in metal and wood. Ed. Stülpnagel, 1906. 404 pp. 832 ill.

Vol. 2. Electrical engineering, etc. Ed. C. Kinzbrunner, 1908. 2,100 pp. abt. 4,000 ill.

Vol. 3. Steam boilers, steam engines, and steam turbines, 1908. 1,322 pp. abt. 3,500 ill.

Technology. *See* Arts and manufactures. AB 10-28

Telegraphic service, Organisation. *See* Postal, etc., communication. AV 05-6

TEMPLE CHURCH. AR 43699 j t

838* *Billings, R. W.* Architectural illustrations and account of the Temple Church, London. London, 1838. 4°. 64 pp. 31 pl.

843* *Burge, W.* The Temple Church [London]; an account of its restoration and repairs. London, 1843. 8°. 85 pp.

Tenasserim, Description. *See* Burmah. AR 689

THEOLOGY, NATURAL. BA 80

690** *B., T. H. R.* [*The Hon. Robt. Boyle*]. The Christian Virtuoso; shewing that by being addicted to experimental philosophy, a man is rather assisted, than indisposed, to be a good christian [added, two other discourses]. London, 1690-91. 3 pts. 8°.

1697. *Turner, W.* A compleat history of the most remarkable providences . . . in this present age. Extracted from the best writers, etc. London, *J. Dunton.* fol. 3 pts. paginations. BB 45/*

715* *Clarke, S.* A collection of papers which passed between Mr. Leibnitz and Dr. Clarke in 1715 and 1716, relating to the principles of natural philosophy and religion. With Appendix. London, 1717. 8°. 2 pts.

749** *Derham, W.* Physico-Theology; or, a demonstration of the being and attributes of God, from his works of creation. 11th ed. London, 1749. 12°. 320 pp. Front.

762* *Jones, W.* An essay on the first principles of natural philosophy: wherein the use of natural means, or second causes, in the œconomy of the material world, is demonstrated from reason, experiments of various kinds, and the testimony of antiquity. Oxford, 1762. 4°. 287 pp.

786* *Derham, W.* Derham's Physico- and Astro-theology; or, a demonstration of the being and attributes of God. New ed. London, 1786. 2 vols. 8°.

830* *Bell, G. M.* Universal mechanism; as consistent with the creation of all things; the appearances of nature; and the dictates of reason and revelation. Glasgow, 1830. 12°. 127 pp.

THEOLOGY, NATURAL—*continued.*

833* *Bridgewater Treatises* on the power, wisdom, and goodness of God, as manifested in the creation. [i.-viii.] London, 1833-36. 8°.

i. *Chalmers, T.* On the power, wisdom, and goodness of God, as manifested in the adaptation of external nature to the moral and intellectual constitution of man. 3rd ed. 2 vols.

ii. *Kidd, J.* On the adaptation of external nature to the physical condition of man. 2nd ed. 391 pp.

iii. *Whewell, W.* Astronomy and general physics etc. 3rd ed. 396 pp.

iv. *Bell, Sir Chas.* The hand . . . as evincing design. 3rd ed. 363 pp.

v. *Roget, P. M.* Animal and vegetable physiology etc. 2nd ed. 2 vols.

vi. *Buckland, W.* Geology and mineralogy, etc. 2 vols.

vii. *Kirby, W.* On the power, wisdom, and goodness of God, as manifested in the creation of animals and in their history, etc. 2 vols.

viii. *Prout, W.* Chemistry, meteorology, and the function of digestion, considered with reference to natural theology. London, 1834. 8°. 588 pp.

838* *Cockburn, W.* A remonstrance . . . upon the dangers of the peripatetic philosophy. London, 1838. 8°. 26 pp.

889* *Shields, C. W.* Philosophia ultima, or, science of the sciences. An historical and critical introduction to the final philosophy as issuing from the harmony of science and religion. 3rd ed. London, 1889. 2 vols. 8°L.

Theses, Bibliography. *See* Bibliography, National. AG 10-90 (*Div. b, Theses*).

THOUGHT READING. BB 59

1907. *Zancig, J.*, and *Zancig, A.* Two minds with but a single thought. By the Zancigs. London. sm. 8°. 78 pp. 8 pl. (35,572)

Throwing-sticks. *See* Anthropology: Primitive Industries (*Weapons*). AP 73 ea

THURINGIA: INDUSTRIES. AR 4726 1

862/ *Thuringia: 2te Allg. Gewerbe - Ausstellung*, 1862. Illustrirter Bericht . . . mit Streifblicken auf Thüringens Industrie. Von G. H. Kohl. Weimar, 1862. fol. 140 pp. Plan.

TIBET. AR 664

854* *Cunningham, Sir A.* Ladak, physical, statistical, and historical, with notices of the surrounding country. London, 1854. 8°. 500 pp. 31 pl.

TOPOGRAPHY (*Miscellany*). AQ 25

683* *Happel, E. G.* Grösste Denkwürdigkeiten der Welt: oder sogenannte Relationes Curiosæ. Theil 1-5 (1683-91); continuation 1-3 (1705-8). Hamburg, 1683-1708. 8 vols. in seven. 4°.

740* *Wonders* of nature and art; being an account of whatever is most curious and remarkable throughout the world. 2nd ed. London, *Newbery and Carnan*, 1768. 6 vols. 12°. Illus.

The arrangement of the work is topographical. A compilation based upon "Le Spectacle de la Nature," etc.

794* *Historical* miscellany of the curiosities and rarities in nature and art . . . forming a comprehensive view of all that is interesting and curious in every part of the habitable world. London, *Champante and Whitrow*, 1794-1800. 5 vols. 8°.

TOWER OF LONDON. AR 437 it

830* *Bayley, J.* The history and antiquities of the Tower of London. 2nd ed. London, 1830. 8°. 627 pp. 10 pl.

Towns, plans, etc. *See* Atlases, Topographical. AQ 95

TRADES AND PROFESSIONS (*Dictionaries*). AB 48

891 *Brussaux, P.*, and *Guittier, P.* Dictionnaire des patentes . . . les tarifs annexes à ces lois, et la définition de chaque profession. Paris, 1891. 8°. 876 pp.

906 *Franklin, A.* Dictionnaire historique des arts, métiers, et professions exercés dans Paris depuis le treizième siècle. Paris, 1906. 8°. 884 pp.

TRADES AND PROFESSIONS (*History*). AB 47

*848** *Berlepsch, H. A.* Chronik der Gewerke [Deutschlands und der Schweiz]. St. Gallen, [1848-54]. 6 vols. in three. 8°.

*896** *Sébillot, P.* Légendes et curiosités des métiers. Paris, [1896]. 8°. 32 pts. with separate pagination.

TRADES AND PROFESSIONS (*Iconography and Description*). AB 49

*725*** *Afbeelding* der menschelyke bezigheden, bestaande in hondert onderscheiden Printverbeeldingen . . . en met vaarzen daar toe passende verklaard. Amsterdam, *R. and J. Ottens*, [1725]. 4°. 100 pl.

*747** *Campbell, R.* The London tradesman. Being a compendious view of all the trades, professions . . . practised in the cities of London and Westminster. For the information of parents and instruction of youth in their choice of business. London, 1747. 8°. 352 pp.

*747*** *General.* A general description of all trades, digested in alphabetical order. Prefixed an essay on divinity, law, and physic. London, *T. Waller*, 1747. 12°. 259 pp.

*761** *Halle, J. S.* Werkstäte der heutigen Künste, oder die neue Kunsthistorie. Mit Kupfern und Vignetten. Band 1-2. Brandenburg, etc., 1761-62. 2 vols. 4°.

Band 3-6 wanting.

*818** *Phillips, Sir R.* The book of trades and library of useful arts. New [7th] ed. London. 12°. 448 pp. 70 pl.

*818** —— New [12th] ed. With 500 questions for the exercise of students. London, [1824]. 12°. 476 pp. 70 pl.

*842** *Gigault de la Bédollière, É.* Les industriels, metiers et professions en France. Paris, 1842. 8°. 235 pp. 30 pl.

*835** *Book.* The book of English trades, and library of useful arts. New ed. London, *J. G. and F. Rivington*, 1835. sm. 8°. 388 pp. 84 pl.

*835*** —— The book of trades, or circle of the useful arts. Glasgow, *R. Griffin*, 1835. sq. 8°. 268 pp. 18 pl.

*837** *Whittock, N., and others.* The complete book of trades . . . a popular encyclopædia of trades, manufactures, etc., as at present pursued in England. London, 1837. 8°. 495 pp. 12 pl.

*870** *Bücker, F.* Unsere Arbeiter der Neuzeit. Leipzig, [1870]. 8°. 222 pp. 13 pl.

902 *Bory, P., pseud.*, i.e., *P. Burnet.* Les industries bizarres. Tours, [1902]. 8°. 302 pp. 1 pl.

Travels. *See* Voyages and Travels. AQ 10

TRAVELLERS' SCIENTIFIC GUIDES. AC 86

692* *Boyle, Hon. R.* General heads for the natural history of a country, great or small; drawn out for the use of travellers and navigators. London, 1692. 12°. 142 pp.

696* *Brief* instructions for making observations in all parts of the world: as also for collecting, preserving and sending over natural things. London, *R. Wilkin*, 1696. sm. 4°. 22 pp.

799* *Lettsom, J. C.* The naturalist's and traveller's companion. 3rd ed. London, 1799. 8°. 221 pp. 3 pl.

840* *China Expedition.* Hints for collecting information, Compiled for the expedition to China. Calcutta. 1840. 12°. 88 pp. 1 pl.

840* *Royal Society.* Report of the committee of [terrestrial] physics, including meteorology, on the objects of scientific inquiry in those sciences. (New ed. with supplementary instructions.) London, 1840. 8°. 135 pp. 4 pl. and 10 forms.

840* —— Report of the President and Council on the objects of scientific inquiry in [terrestrial] physics and meteorology. London, 1840. 8°. 115 pp.

849* *Admiralty.* A manual of scientific enquiry; prepared for the use of Her Majesty's Navy, and adapted for travellers in general. Ed. by Sir J. F. W. Herschell. London, 1849. 12°. 500 pp.

852* *Buist, G.* Manual of physical research adapted for India. Bombay, 1852. 8°. 295 pp.

871* *Admiralty.* A manual of scientific enquiry; prepared for the use of officers in Her Majesty's Navy, and travellers in general. 4th ed. by R. Main. London, 1871. 8°. 405 pp. 1 map.

875 —— —— Manual of the natural history, geology and physics of Greenland and the neighbouring regions; prepared for the use of the Arctic Expedition. London, 1875. 8°. 877 pp. 1 pl.

875* *Neumayer, G. B.* Anleitung zu wissenschaftlichen Beobachtungen auf Reisen; mit besonderer Rücksicht auf die Bedürfnisse der Kais. Marine. Berlin. 8°. 704 pp. 3 pl.

886 *Admiralty.* A manual of scientific enquiry; prepared for the use of officers . . . and travellers in general. 5th ed., by Sir R. S. Ball. London, 1886. sm. 8°. 462 pp. 1 map.

888 *Neumayer, G. B.* Anleitung zu wissenschaftlichen Beobachtungen auf Reisen. 2te Aufl. Berlin, 1888. 2 vols. 8°.

TRINIDAD: INDUSTRIES. AR 978 1

862* *London International Exhibition, 1862: Trinidad Commission.* A descriptive catalogue of the collection sent from Trinidad. Compiled by H. Crüger. London, 1862. 8°. 24 pp.

Trusts. *See* Monopolies. AV 488

TURKISH AND ENGLISH DICTIONARIES. AA 53

861 *Redhouse, J. W.* A lexicon, English and Turkish, (English-Turkish.) London, 1861. 8°. 7 ll. + 829 pp.

880 —— Turkish Lexicon. English-Turkish and Turkish-English. 2nd ed., by C. Wells. London, 1861. 8°. 895 pp.

Turkish Dictionaries, Polyglot. *See* Polyglot Dictionaries. AA 96

TURKISH EMPIRE. AR 599

1757. *Greaves, J.* Travels [in Turkey]. *In his* Miscellaneous Works. Vol. ii. pp. 499-507. London, 1757. 8°. AD 03*

TURKISH EMPIRE: INDUSTRIES. AR 599 1

867* *Paris Universal Exhibition: Turkish Comm.* La Turquie à l'Exposition, etc. Par Salaheddin Bey. Paris, 1867. 8°. 256 pp.

1867. *Dufour, B. J.* L'Orient [Produits naturels et industriels] *Lacroix, E.* Études sur l'Exposition de 1867. Vol. 3. pp. 177-198. 8°. AB 867 t

887* *Cochran, W.* Pen and pencil in Asia Minor; or, Notes from the Levant. [Contains chapters on the cultivation of the silkworm, on silk, Turkey carpets, agriculture in Turkey, etc.] London, 1887. 8°. 488 pp.

United Kingdom. *See* England.

United States, bibliography. *See* Bibliography, National; United States. AG 21

UNITED STATES. AR 83

861* *Barber, J. W. and Howe, H.* Our whole country ; or the past and present of the United States, historical and descriptive. Illustrated. Cincinnati, 1861. 2 vols. in one. 8°.

898‖ *U.S. Census Office.* 11th *Census*, 1890. Statistical Atlas of the United States. By H. Gannett. Washington, 1898. fol.

UNITED STATES: GAZETTEERS. AQ 55 n

853 *Fisher, R, S.* . . . Statistical Gazetteer of the United States of America founded on . . . the 7th national census. New York, 1853. 8°. 960 pp.

884 *De Colange, L.* The national Gazetteer . . . of the United States. London, [1884]. 8°. 1,125 pp.

UNITED STATES: INDUSTRIES. AR 83 1

792* *Coxe, T.* A brief examination of Lord Sheffield's 'Observations on the Commerce of the United States.' With supplementary notes on American manufactures. London, reprinted, 1792. 8°. 142 pp.

851* *Fleischmann, C. L.* Erwerbszweige, Fabrikwesen und Handel der Vereinigten Staaten von Nord Amerika. [Contents list in German and English.] Philadephia, 1851. 8°. 626 pp.

852* *De Bow, J. D. B.* The industrial resources of the Southern and Western States. Vol. 1-3 in dictionary order. Vol. iv., supplement constituting also vol. xiv. of De Bow's Review. New Orleans, 1852-53. 4 vols. 8°.

852* *Franklin Institute of Pennsylvania.* Reports of the 22nd [-25th] Exhibition of American manufactures. Philadelphia, 1852-58. 4 vols. 8°.

854/* *New York (City) Industrial Exhibition*, 1853-54. Special report of J. Whitworth [on the American manufacturing system and Patent Laws]. London. fol. 44 pp.

854* —— Same. London. 8°. 80 pp.

855* *Paris Universal Exhibition*, 1855 (*U.S. Comm.*). Catalogue des objets exposés dans la section des États-Unis, etc. Paris, 1855. 8°. 70 pp.

UNITED STATES: INDUSTRIES—*continued.*

*860** *U.S. Census Office. 8th Census.* Preliminary Report by J. C. G. Kennedy. [Contains on pp. 59-119: Report on products of Industry, with special reference to American patented machinery.] Washington, 1862. 8°.

*861** *Bishop, J. L.* A history of American manufactures from 1608-1860. Philadelphia, 1861. 8°. 3 vols.

861 —— Same. 3rd ed. With appendix [to 1867] Philadephia, 1868. 3 vols. 8°.

861 *Flint, C. L., and others.* Eighty years' progress of the United States . . . giving, in a historical form, the improvements made in agriculture, commerce, and trade, etc. By eminent literary men. With engravings, etc. New York, 1861, *L. Stebbins.* 2 vols. 8°.

*862** *London International Exhibition,* 1862: (*U.S. Comm.*) United States. Official Catalogue. London, 1862. 8°. 74 pp.

872 *Greeley, H. and others.* The great industries of the United States. An historical summary. Hartford, 1872. 8°. 1,304 pp. pls.

877 *Grothe, H.* Die Industrie Amerika's (Vereinigte Staaten von Nord Amerika): ihre Geschichte, Entwicklung und Lage, unter bes. Berüchsicht. der . . . Erfindungen und Fortschritte des Maschinenwesens, etc. und der Welt-Ausstellung zu Philadelphia. Berlin, 1877. 8°. 392 pp. 52 pl.

1879. *Goode, G. B.* Catalogue of the collection to illustrate the animal resources and the fisheries of the United States, exhibited at Philadelphia in 1876. 351 pp. *Smithsonian Misc. Coll.* Vol. 23. B 13 s: 862

*880** *U.S. Census Office.* (*10th Census, 1880*) Report on the manufactures of the United States, embracing general statistics. Washington, 1883. 4°. 533 pp.

1882. *Bevan, G. P.* A handbook to the industries of . . . the United States. pp. 119-220. London. 8°. AR 428 i

*888** *Patton, J. H.* Natural resources of the United States. New York, 1888. 8°. 538 pp.

*890** *U.S. Census Office.* (*11th Census, 1890.*) Report on manufacturing industries in the United States. Part iii. Selected industries. Washington, 1895. 4° 731 pp.

*895** *Wright, C. D.* The industrial evolution of the United States. New York, 1895. sm. 8°. 362 pp. 1 pl. Maps.

United States: Inventions. *See* Inventions, Local (*United States.*) AB 673; Inventors and discoverers: Lives—Local (*United States*). AB 773

UNITED STATES: SOUTHERN STATES. AR 86

887* *Hillyard, M. B.* The new South. A description of the Southern States, etc. Baltimore, 1887. 8°. 413 pp.

UNITED STATES: WESTERN STATES. AR 89

845* *U.S. Exploring Expedition.* Report of the Exploring Expedition to the Rocky Mountains in 1842, and to Oregon and North California in 1843-44. By J. C. Frémont. Washington, 1845. 8°. 693 pp. lithogr. pl.

848* *Emory, W. H.* Notes of a military reconnaissance from Fort Levenworth in Missouri to San Diego in California. New York, 1848. 8°. 230 pp. lithogr. pl. Map.

850* *U.S. War Dep't.* Reports . . . with reconnaissances of routes from San Antonio to El Paso, etc. [navigation of the river Colorado, etc.]. Washington, 1850. 8°. 250 pp. 75 lithogr. pl. Map.

854* *Bartlett, J. R.* Personal narrative of explorations and incidents in Texas, New Mexico, California, Sonora, and Chihuahua connected with the United States and Mexican Boundary Commission, 1850-53. New York, 1854. 2 vols. 8°.

870/* *Hayden, F. V.* Sun pictures of Rocky Mountain scenery, with a description of the geological etc. features of the Great West. New York, 1870. 4°. 158 pp. 30 photogr. pl.

URUGUAY. AR 992

889* *Uruguay (Republic).* The Republic of Uruguay . . . in the French Exhibition. General description, etc. 1888-89. Liverpool, 1889. 4°. 79 pp. pl. 2 maps.

UTAH. AR 935

852* *Stansbury, H.* An expedition to the valley of the Great Salt Lake of Utah including . . . its geography, natural history, etc., with an account of the Mormon settlement. Philadelphia, 1852. 8°. lithogr. pl. maps.

UTOPIAS, POLITICAL AND GENERAL. AV 80

[1614-18.] *Bacon, F., Viscount St. Albans.* New Atlantis. A worke unfinished. 36 pp. *In his* Sylva sylvarum, etc. London, 1651. fol. AC 80**

Posthumous work.

VATICAN, ROME. AR 356 iv

694¶ *Fontana, C.* Templum Vaticanum et ipsius origo. [In Latin and Italian.] Roma, 1694. fol. 543 pp.

715/* *Bonanni, F.* Numismata summorum Pontificum Templi Vaticani fabricam indicantia, chronologica ejusdem fabricæ narratione, etc. explicata. [3rd ed.] Rome, 1715. fol. 196 pp. 86 pl.

Vatican, St. Peter's, *See* St. Peter's, Rome, AR 356 ivp

VICENZA (*Olympic Theatre*). AR 353451 j

804* *Scamozzi, O. B.* L'origine dell' Accademia Olimpica di Vicenza, con una breve descrizione del suo teatro. Vicenza. sm. 8°. 31 pp. 4 pl.

VICTORIA. AR 317

853* *Westgarth, W.* Victoria, late Australia Felix; or, Port Phillip district of New South Wales; being an account of the colony and its gold mines. [Appendix.] Edinburgh, 1853. 8°. 2 pts.

854* *Victoria, Registrar-General.* Statistical register of Victoria from the foundation of the colony. By W. H. Archer. Melbourne, 1854. 8°. 451 pp.

860* *Victoria, Registrar-General.* Statistical notes on the progress of Victoria in relation to agriculture and live stock 1861-67. [Preceded by statistical notes, on the progress of Victoria, (1835-60).] By W. H. Archer. Melbourne, [1860-63?]. 4°. 7 pts.

861* *Victoria, Registrar-General.* Statistical Notes of the progress of Victoria (1835-60). By W. H. Archer. 1st series part 1. 2nd ed. part 2. Melbourne, 1861. 2 pts. 4°.

861* *Victoria (Legislature).* Prize Essays, 1860. Melbourne, 1861. 8°. 395 pp. Map.

VICTORIA—*continued.*

*861** *Victorian Exhibition, 1861: Royal Commission.* Catalogue of the Victorian Exhibition, 1861. With prefatory essays, by W. H. Archer, etc. Melbourne, 1861-62. 8°. 2 pts.

*861** —— —— Essais divers servant d'introduction au catalogue de l'Exposition, etc. [Édition française.] Melbourne, 1861-62. 8°. 209 pp.

*861** —— —— Die Colonie Victoria in Australien: ihr Fortschritt etc. Ins Deutsche übertragen von B. Loewy. Melbourne. 8°. 226 pp.

*886** *Colonial and Indian Exhibition, 1886.* Illustrated Handbook of Victoria. Melbourne, 1886. 8°. pp. 108. Map. 70 pl.

898 *Victoria: Dept. of Agriculture.* An Australian Colony. The Government Handbook of Victoria. Melbourne, 1898. 8°. 202 pp. Maps, etc.

VICTORIA: INDUSTRIES. AR 217 1

1860. *Muyes, C.* Essay on the manufactures more immediately required for the economical development of the resources of the Colony, with special reference to those manufactures the raw materials of which are the produce of Victoria. *Victoria (Legislature).* Victorian Government Prize Essays. pp. 241-387. 8°. AR 217*

*867** *Paris Univ. Exhibition,* 1867: *Victorian Comm.* [Catalogue, etc.] Melbourne, [1867]. sm. 8°. 66 pp. Map.

*872** *London International Exhibition,* 1873: *Victorian Comm.* The Victorian Exhibition, 1872-73. Official catalogue of exhibits. Melbourne, 1872. sm. 8°. 311 pp

VIRGINIA. AR 863

*865** *Dodge, J. R.* West Virginia: its farms and forests, mines and oil-wells. Philadelphia, 1865. 8°. 276 pp.

*881** *Boyd, C. R.* Resources of South-West Virginia, showing the mineral deposits of iron, coal, zinc, copper and lead, also the staples of the various counties, etc. New York, 1881. 8°. 335 pp. Map. pl.

VOYAGES AND TRAVELS (*Collections*). AQ 10

1727. *Royal Society of London.* Miscellanea Curiosa. [Vol. iii.] Collection of curious travels, voyages, etc. London. 8°. 436 pp. B 1: 723

1737. *Greaves, J.* Miscellaneous Works. [Vol. ii.] Observations made by Mr. Greaves in his travels [in Italy Turkey, and Egypt]. London. pp. 475-502. 8°. AD 03*

738* *Ray, J.* A collection of curious travels and voyages. Vol. i. [*entitled*] Travels through the Low countries, Germany, Italy and France; also, a catalogue of plants. Added . . . travels of F. Willughby through . . . Spain. [Vol. ii. L. Rauwolf's journey into the Eastern countries, etc.] From the Dutch. Also, Travels into Greece, Asia Minor, etc. Added, three catalogues of such trees, shrubs and herbs as grow in the Levant. 2nd ed. London, 1738. 2 vols. 8°.

803* *Clarke, J. S.* The progress of maritime discovery from the earliest period, etc., forming an extensive system of hydrography. [Appendix. Reprint of separate treatises.] Intro. Hist. memoir of ancient maritime discoveries. 230 pp. London, 1803. 4°. 1022 pp. 8 pl. and maps.

808* *Pinkerton, J.* General collection of voyages and travels. [Vol. 17: retrospect of geographical discovery, pp. 39; critical class bibliography, pp. 255; general index, pp. 472. London, 1808-14. 17 vols. 4°.

845* *U.S. Exploring Expedition.* Narrative . . . 1838-42. By C. Wilkes. Philadelphia, 1845. 5 vols. 8° and atlas.

Chiefly hydrographical geography of the Southern Oceans.

WALES: NORTH. AR 441

797* *Aikin, A.* Journal of a tour through North Wales, and part of Shropshire; with observations in mineralogy, etc. London, 1797. 8°. 255 pp. 1 pl.

829* *Smith, J.* A guide to Bangor, Beaumaris and Snowdonia. [The Menai bridge. Day signals, etc.] With map. Liverpool, 1829. 8°. 56 pp. Map.

WALES: SOUTH. AR 4418

868* *Douglas, J. P.* A run through South Wales. Shrewsbury, 1868. 8°. 80 pp. Map.

Wandsworth inventions. *See* Inventions, Local (*England Wandsworth*). AB 64231

WASTE PRODUCTS. AB 34

836 *Rösling, C. W.* Fabrikation des Beinschwarzes, Ammoniaks, Glaubersalzes, Phosphors, der Phosphor-Säure, des blausauren Kalis und Pariser- und Berlinerblaus. Weimar, 1836. 12°. 350 pp. 14 pl.

1862. *Fleck, H.* Die Fabrikation chemischer Produkte aus thierischen Abfällen [viz. prussiate of potash, phosphorus, lime, etc.] *Bolley, A. P.* Handbuch der chemischen Technologie. Band ii. Gruppe ii. 8°. 166 pp. (16,252)

873 *Simmonds, P. L.* Waste products and undeveloped substances. London, 1873. sm. 8°. 495 pp.

876 —— Waste products and undeveloped substances. 3rd ed. London, 1876. sm. 8°. 495 pp.

1878. *Fleck, W. H.* Die Fabrikation chemischer Producte aus thierischen Abfällen. 2te Aufl. *Bolley, P. A.* Handbuch der chem. Technologie. Neue Folge. Band i. 8°. (16,252)

880* *Koller, T.* Handbuch der rationellen Verwerthung, Wiedergewinnung und Verarbeitung von Abfallstoffen jeder Art. Wien, 1880. sm. 8°. 328 pp.

891 *Weigelt, C.* Die Abfälle der Seefischerei. Experimentelle Untersuchungen über deren Natur, Menge, Verarbeitung und Verwerthung. Berlin, 1891. 8°. 123 pp.

899 *Haefcke, H.* Die technische Verwerthung von thierischen Cadavern, Cadavertheilen, Schlachtabfällen, etc. Wien, 1899. sm. 8°. 288 pp.

900 *Koller, T.* Handbuch der rationellen Verwerthung, Wiedergewinnung und Verarbeitung von Abfallstoffen jeder Art. 2te Aufl. Wien, 1900. sm. 8°. 328 pp.

900 —— The utilisation of waste products. From the 2nd German ed. London, 1902. 8°. 287 pp.

902 *Naylor, W.* Trades waste: its treatment and utilisation, with special reference to the prevention of rivers pollution. London, 1902. 8°. 281 pp.

905 *Fischer, R.* Die Beseitigung, Vernichtigung und Verarbeitung der Schlachtabfälle und Tierleichen unter bes. Berücksicht. des Anwohner- und Arbeiterschutzes. Stuttgart, 1905. 8°. 167 pp.

905 *Razous, P.* Les déchets industriels. Récupération-utilisation. Paris, 1905. 8°. 379 pp.

1906. *Bertram, H.* The recovery of waste products [recovery of oil from cotton waste, etc.]. 18 pp. *Inst. of Marine Engineers.* Transactions. Vol. xviii. F 81 : 889

Weapons of primitive races. *See* Anthropology: Primitive industries (*Weapons*). AP 73 ea

WEDNESBURY. AR 43357

*902** *Hackwood, F. W.* Wednesbury ancient and modern: being mainly its manorial and municipal history. Wednesbury, 1902. sm. 4°. 134 pp.

pp. 129-31. Wednesbury inventors and patentees.

WEDNESBURY: INDUSTRIES. AR 43357 1

889 *Hackwood, F. W.* Wednesbury workshops; or, some account of the industries of a Black Country town. Wednesbury, 1889. 12°. 158 pp.

Weights. *See* Measures, weights and money. AW 20-54

WELSH AND ENGLISH DICTIONARIES. AA 16

872 *Spurrell, W.* An English-Welsh [and Welsh-English] pronouncing Dictionary; pt. i., 3rd ed.; pt. ii., 4th ed. Caermarthen, 1872-89. 2 vols. in one. 12°.

WEST INDIES. AR 97

*836** *Bridgens, R.* West-India scenery, with illustrations of negro character, etc. From sketches . . . in the Island of Trinidad. London, [1836]. 4°. 28 pl. with ill. text.

*889** *Bulkeley, O. T.* The Lesser Antilles. A guide for settlers in the British West Indes. London, 1889. sm. 8°. 207 pp. 9 pl.

Chap. vii. The cultivation of sugar, cacao and coco-nuts, etc., pp. 124-176.

WEST INDIES: INDUSTRIES. AR 97 1

1808. *Spence, W.* The radical cause of the present distresses of the West-India planters pointed out; and the inefficiency of the measures which have been hitherto proposed for relieving them demonstrated. 2nd ed. London. 8°. 105 pp. AS 1428*

*897** *Parliament: West India Royal Commission.* Report with subsidiary report by D. Morris and Appendices. London, 1897. 4 vols. fol.

WEST INDIES: DANISH (*Bibliography*). A.R. 9773 a

901 z *U.S. Congress (Library).* A list of books (with references to periodicals) on the Danish West Indies. By A. P. C. Griffin. Washington. 8°. 18 pp.

Westminster. *See* London, Westminster. AR 4368

WILTSHIRE: ANTIQUITIES. AR 4352 1

*864** *Salisbury and South Wilts Museum.* Catalogue. Salisbury, 1864. 8°. 64 pp.

Wiltshire inventions. *See* Inventions, Local (*England, Wiltshire*) AB 64231.

Window dressing. *See* Shop window dressing. AW 964

WOMEN INVENTORS. AB 73

888 *U.S. Patent Office.* Women inventors to whom patents have been granted by the U.S. Government. 1790-1888. [With Appendices; 1888, etc.] Washington, 1888, etc. 4°.

WOOD WASTE, UTILIZATION. AB 36

*887** *Hubbard, E.* Die Verwerthung der Holzabfälle. Wien, 1887. sm. 8°. 205 pp.

1900. Artificial wood and shavings in decoration. By C. G. Leland and F. C. Lambert. *Leland, C. G.* and *Ward, H. S.* Useful arts and handicrafts. Vol. i. No. 11. sm. 4°. (26,922)

900 *Hubbard, E.* Die Verwerthung der Holzabfälle. 2te Aufl. Wien, 1900. sm. 8°. 222 pp.

900 —— The utilization of wood-waste. From the 2nd German ed. by M. J. Salter. London, 1902. sm. 8°. 208 pp.

WOODCHESTER: ANTIQUITIES. AR 43438 1

797‖ *Lysons, S.* An account of Roman antiquities discovered at Woodchester. [Engl. and French.] London, 1797. fol. 52 pp. 40 pl.

WORCESTERSHIRE. AR 4341

781‖ *Nash, T. R.* Collections for the history of Worcestershire; with a supplement. London, 1781-99. 2 vols. fol.

WORKSOP. AR 43338

*854** *Eddison, E.* History of Worksop, with . . . sketches of Sherwood Forest, etc. London, 1854. 12°. 346 pp. Front.

World, System of the. *See* Cosmology. BA 90

WURTTEMBERG: INDUSTRIES. AR 4776 l

*828** *Mohl, M.* Ueber die Württembergische Gewerbs-Industrie. Abt. 1 (*all publ.*). Stuttgart, 1828. 12°. 418 pp.

YORK MINSTER. AR 43189 j

*831** *Gage, J.* Remarks on alterations proposed in York Minster. London, 1831. 8°. 15 pp.

*831** *Smirke, R.* Letter . . . on the proposal to remove the screen in York Minster. London, 1831. 8°. 16 pp.
Bound with other pamphlets on the subject.

YORKSHIRE. AR 4318

*834** *Parsons, E.* The . . . history of Leeds, Halifax, Huddersfield, Bradford, Wakefield, Dewsbury, Otley, etc. Leeds, 1834. 2 vols. 8°.

Yosemite Valley, description. *See* California. AR 941

APPENDIX.

NAME-INDEX TO—

AB 70 INVENTORS AND DISCOVERERS: LIVES. *Woodcraft, B.* Lives of Inventors.

AD 01-03 COLLECTED WORKS.

AD 06 CORRESPONDENCE, SCIENTIFIC (*Collections*).

AD 60-62 BIOGRAPHY (*Single lives*).

Adam, É. J. life. AD 62: 768
Adams, W. Bridges. Woodcroft Coll. AB 70/**
Agrippa, Corn. life. AD 62: 486
Airy, Sir G. B. life. AD 62: 801 a
Aitken, W. C. Woodcroft Coll. AB 70/**
Allen, Wm. life. AD 62: 770
Andrews, Thos. works. AD 03: 813
Appert, Nicholas. Woodcroft Coll. AB 70/**
Applegath, Aug. Woodcroft Coll. AB 70/**
Arago, D. F. J. life. AD 62: 786 a
— works. AD 03: 786
Argand, A. Woodcroft Coll. AB 70/**
Arnold, John. Woodcroft Coll. AB 70/**
Aubrey, John. Woodcroft Coll. AB 70/**

Babbage, Chas. life. AD 62: 792 b
Bacon, Francis, Viscount St. Albans. life. AD 62: 561
— works. AD 03: 561

Bacon, John, R.A. life. AD 62 : 740
Bacon, Roger. life. AD 62 : 214
Bally, Fr. life. AD 62 : 774 ba
Baker, Thos. Woodcroft Coll. AB 70/**
Bakewell, Robert. Woodcroft Coll AB 70/**
Banks, Sir Joseph. life. AD 62 : 743
Barry, Sir Chas. life. AD 62 : 795 b
Baskerville, John. Woodcroft Coll. AB 70**
Baxter, Geo. life. AD 62 : 804 b
—— Woodcroft Coll. AB 70/**
Beattie, Joseph H. Woodcroft Coll. AB 70/**
Bell, Henry. life. AD 62 : 767
—— Woodcroft Coll. AB 70/**
Bell, Patrick. Woodcroft Coll. AB 70/**
Bentham, Sir Samuel. life. AD 62 : 757 b
Berkeley, G., Bishop. life. AD 62 : 684
Bernoulli, J. works. AD 03 : 667
Berthon, E. L. life. AD 62 : 813 ber
Berzelius, J. J. letters to Liebig. AD 62 : 803 Liebig
—— letters to Schœnbein. AD 62 : 799 Schœnbein
Bessel, Fr. Wilh. life. AD 62 : 784 b
Bessemer, Sir H. life. AD 62 : 813 bes
Beudant, F. S. life. AD 62 : 787 b
Beyer, Chas. Fred. Woodcroft Coll. AB 70/**
Bidwell, B. life. AD 62 : 835
Blainville, M. H. D. de. life. AD 62 : 778
Bodmer, John George. Woodcroft Coll. AB 70/**
Boerhaave, H. life. AD 62 : 668
Boettger, J. F. life. AD 62 : 685
Bonasoni, J. life. AD 62 : 500
Booth, Henry. life. AD 62 : 788 b
Boulsover, Thos. Woodcroft Coll. AB/70**
Boulton, Matthew. Woodcroft Coll. AB 70/**
Bourseul, Chas. Woodcroft Coll. AB 70/**
Boyle, Rob. works. AD 03 : 627
Boyle, Robert. AD 62 : 821
Brahé, T. life. AD 62 : 546
Braithwaite, John. Woodcroft Coll. AB 70/**

Brayley, E. W. life. AD 62 : 773b
Brewster, Sir D. life. AD 62 : 781 b
Bright, Sir Chas. T. life. AD 62 : 832
Brindley, James. Woodcroft Coll. AB 70/**
Britton, John. life. AD 62 : 771b
Brugnatelli, L. V. life. AD 62 : 761
Buch, L. von. life. AD 62 : 774 bu
Buchanan, Archd. Woodcroft Coll. AB 70/**
Buckle, Wm. Woodcroft Coll. AB 70/**

Campbell, Dugald. Woodcroft Coll. AB 70/**
Cardan, Jer. life. AD 62 : 501
Cartwright, Edmund. life. AD 62 : 743
—— Woodcroft Coll. AB 70/**
Caus, Solomon de. Woodcroft Coll. AB 70/**
Cavalli, G. life. AD 62 : 808
Cavendish, Henry. life. AD 62 : 731
Chadwick, Edwin. Woodcroft Coll. AB 70/**
Chapman, Wm. Woodcroft Coll. AB 70/**
Chevalier, C. L. life. AD 62 : 804 ch
Chevreul, M. E. life. AD 62 : 786 c
Claudet, A. F. J. life. AD 62 : 797 c
Cochran, John Webster. Woodcroft Coll. AB 70/**
Colburn, Z. life. AD 62 : 804 co
Colby, Thos. life. AD 62 : 784 co
Coles, Cowper. Woodcroft Coll. AB 70/**
Colt, Sam. Woodcroft Coll. AB 70/**
Columbus, Christopher. life. AD 62 : 435
Cookworthy, Wm. Woodcroft Coll. AB 70/**
Corcoran, Bryan. Woodcroft Coll. AB 70/**
Cort, Henry. Woodcroft Coll. AB 70/**
Crompton, S. life. AD 62 : 753 c
—— Woodcroft Coll. AB 70/**
Crosse, A. life. AD 62 : 784 cr

Cugnot, Nicolas Joseph. Woodcroft Coll. AB 70/**
Cuvier, G. L. C. F. D. life. AD 62 : 769

Dayt, J. B. Woodcroft Coll. AB 70/**
Dalby, Isaac. life. AD 62 : 744
Daniel, Sir F. C. life. AD 62 : 765 d
Davy, Sir H. life. AD 62 : 778
—— works. AD 03 : 778
Delambre, J. B. J. life. AD 62 : 749
Delarothière, J. A. life. AD 62 : 783
Derham, Wm. Woodcroft Coll. AB 70/**
Dernet, Charles. life. AD 62 : 588
Descartes. life. AD 62 : 596
Dobson, John. life. AD 62 : 787 d
Dollond, John. life. AD 62 : 706
—— Woodcroft Coll. A B 70/**
Donkin, Bryan. Woodcroft Coll. AB 70/**
Douglass, Sir J. N. life. AD 62 : 826 d
Drayson, A. W. life. AD 62 : 827
Drummond, Wm. of Hawthornden. life. AD 62 : 585
—— Woodcroft Coll. AB 70/**
Dumas, J. B. life. AD 62 : 800
Dunn, Thos. Woodcroft Coll. AB 70/**

Earnshaw, Lawrence. Woodcroft Coll. AB 70/**
Edgeworth, Rd. L. life. AD 62 : 744
Edison, Thos. A. life. AD 62 : 847
Edwards, George. life. AD 62 : 694
Eginton, Francis. life. AD 62 : 737
—— Woodcroft Coll. AB 70/**
Elder, David. Woodcroft Coll. AB 70/**
Elder, John. life. AD 62 : 824 e
Elkington, Geo. Richards. Woodcroft Coll. AB 70/**
Emerson, Wm. life. AD 62 : 701

Ericsson, John. life. AD 62 : 803
—— Woodcroft Coll. AB 70/**
Evelyn, John. life. AD 62 : 620
—— works. AD 03 : 620

Fairbairn, Sir Wm. life. AD 62 : 789 f
—— Woodcroft Coll. AB 70/**
Faraday, M. Letters to Schœnbein. AD 62 : 799 Schœnbein.
—— life. AD 62 : 791 f
Ferguson, Jas., F.R.S. life. AD 62 : 710
Field, Geo. Woodcroft Coll. AB 70/**
Fitch, John. life. AD 62 : 743
Fletcher, E. G. Woodcroft Coll. AB 70/**
Fothergill, Benj. Woodcroft Coll. AB 70/**
Fourneyron, B. works. Woodcroft Coll. AB 70/**
Franklin, Benj. life. AD 62 : 706
—— works. AD 03 : 706
Fulton, Robert. life. AD 62 : 765 f
—— Woodcroft Coll. AB 70/**
Fuseli, H., R.A. life. AD 62 : 741

Gale, Jas. life. AD 62 : 833
Galileo, G. works. AD 03 : 564
Garcia, Manuel. Woodcroft Coll. AB 70/**
Gardner, Dr. Woodcroft Coll. AB 70/**
Garnier, J. G. life. AD 62 : 766
Gianibelli, Federigo. (MS. Papers.) Woodcroft Coll. AB 70/**
Gillott, Joseph. Woodcroft Coll. AB 70/**
Girard, P. H. de. life. AD 62 : 775
Girard, S. life. AD 62 : 750
Gisborne, Fredk. Newton. Woodcroft Coll. AB 70/**
Goodyear, C. life. AD 62 : 800
Graham, Thos. life. AD 62 : 805 g
Gray, John Macfarlane. Woodcroft Coll. AB 70/**
Greaves, J. works. AD 03 : 602

Gresham, Sir T. life. AD 62 : 519
Grey, John. Woodcroft Coll. AB 70/**
Guericke, O. von. life. AD 62 : 628
Gurney, Sir Goldsworthy. Woodcroft Coll. AB 70/**

Hackworth, T. life. AD 62 : 786
Hadley, John. life. AD 62 : 682
—— Woodcroft Coll. AB 70/**
Haidinger, W. von. life. AD 62 : 795 h
Haller, A. de. life. AD 62 : 708
Hamilton, Sir W. R. life. AD 62 : 805 h
Hancock, Thomas. Woodcroft Coll. AB 70/**
Hargreaves, James. Woodcroft Coll. AB 70/**
Harmar, John. Woodcroft Coll. AB 70/**
Hartley, David. Woodcroft Coll. AB 70/**
Hartlib, Samuel. life. AD 62 : 602
Harvey, H. A. life. AD 62 : 824 h
Heathcoat, John. Woodcroft Coll. AB 70/**
Heaton, Clement. Woodcroft Coll. AB 70/**
Hedley, Wm. life. AD 62 : 779 h
Heilmann, J. life. AD 62 : 796
—— Woodcroft Coll. AB 70/**
Helmholtz, H. von. life. AD 62 : 792 h
Helmholtz, H. L. F. von. works. AD 03 : 821
Henry, J. works. AD 03 : 797
Hero of Alexandria. works. AD 01 : 284
Hill, Dr. John. works. AD 03 : 716
Hill, Sir Rowland. life. AD 62 : 795
Hoffman, Francis. Woodcroft Coll. AB 70/**
Hooke, Rob. works. AD 03 : 635
Horrocks, John. Woodcroft Coll. AB 70/**
Howard, Edward Chas. Woodcroft Coll. AB 70/**
Howe, Jr., Elias. Woodcroft Coll. AB 70/**
Huddart, Joseph. life. AD 62 : 741
Hulls, Jonathan. Woodcroft Coll. AB 70/**
Hunter, John, Surgeon. life. AD 62 : 728
Hunter, Wm., M.D. life. AD 62 : 718

Hutton, Chas. life. AD 62 : 737 h
Huyghens, C. letters to Papin. AD 62 : 647 Papin
—— works. AD 03 : 629

Jacquard, J. M. life. AD 62 : 752
James, Wm. Henry. Woodcroft Coll. AB 70/**
Jeffcock, P. life. AD 62 : 829
Jeffreys, J. AD 62 : 801 j
Jenkin, H. C. F. works. AD 03 : 833
Jenner, E. life. AD 62 : 749
Jex, Johnson. Woodcroft Coll. AB 70/**
Johnson, Dr. Woodcroft Coll. AB 70/**
Jouffroy, Marquis de. life. AD 62 : 751
Joule, James Prescott. works. AD 03 : 818
—— Woodcroft Coll. AB 70/**

Kames, Lord. life. AD 62 : 696
Kay, John. life. AD 62 : 704
—— Woodcroft Coll. AB 70/**
Keir, Jas. life. AD 62 : 735
Keith, Thomas. life. AD 62 : 759
Kelvin, Baron. life. AD 62 : Z 824
Kennedy, John. Woodcroft Coll. AB 70/**

Lagrange, J. L. Comte. life. AD 62 : 736
Lavoisier, A. L. life. AD 62 : 743
—— works. AD 03 : 745
Lee, Wm. Woodcroft Coll. AB 70/**
Leibnitz. letters to Papin. AD 62 : 647 Papin.
Leigh, Evan. Woodcroft Coll. AB 70/**
Lennard, Dr. Wm. Woodcroft Coll. AB 70/**
Liebig, Justus, Baron. life. AD 62 : 803 l
—— letters to Schœnbein. AD 62 : 799 Schœnbein

Lipperhey, Hans. Woodcroft Coll. AB 70/**
Litherland, Peter. Woodcroft Coll. AB 70/**
Locke, Joseph. life. AD 62 : 365 l
Lombe, Thos. Woodcroft Coll. AB 70/**
Lowe, James. Woodcroft Coll. AB 70/**

McConnell, James Ed. Woodcroft Coll. AB 70/**
Macerone, Fr. life. AD 62 : 788 m
Macgregor, John. Woodcroft Coll. AB 70/**
Macintosh, Chas. life. AD 62 : 766
Magnus, H. G. life. AD 62 : 802
Manzetti, I. V. B. L. C. life. AD 62 : 826 m
Martin, Benjamin. Woodcroft Coll. AB 70/**
Masham, Lord. Woodcroft Coll. AB 70/**
Maupertuis, P. L. M. de. works. AD 03 : 698
Maury, Capt. Woodcroft Coll. AB 70/**
Maxwell, Jas. C. life. AD 62 : 831
Mercer, J. life. AD 62 : 791 m
Metius, James. Woodcroft Coll. AB 70/**
Michaux, Ernest. life. AD 62 : 813 m
Michaux, Pierre. life. AD 62 : 813 m
Miller, Patrick. Woodcroft Coll. AB 70/**
Morland, Sir Samuel. life. AD 62 : 625
—— Woodcroft Coll. AB 70/**
Morley Family. *See* Hosiery trade.
Morrison [*or Marshall*], *Charles.* Woodcroft Coll. AB 70/**
Muir, Wm. life. AD 62 : 806
Murdock, Wm. Woodcroft Coll. AB 70/**
Muspratt, Jas. S. life. AD 62 : 821
Myddleton, Sir Hugh. Woodcroft Coll. AB 70/**

Napier, John, Baron of Merchiston. life. AD 62 : 550
Napoleon III. works. AD 03 : 808
Nasmyth, Jas. life. AD 62 : 808

Neumann, F. E. life. AD 62 : 798
Newcomen, T. life. AD 62 : 663
—— Woodcroft Coll. AB 70/**
Newton, Sir Isaac. life. AD 62 : 642
—— works. AD 03 : 643
Nicholson, Peter. Woodcroft Coll. AB 70/**
Niepcé, J. N. life. AD 62 : 765 n
Nixon, John. life. AD 62 : 815
Normandy, Alphonse Réné le Mire. Woodcroft Coll. AB 70/**

Owen, D. D. life. AD 62 : 807

Paine, Thomas. Woodcroft Coll. AB 70/**
Palissy, B. life. AD 62 : 510
—— works. AD 03 : 510
Panizzi, Sir A. life. AD 62 : 797 p
Papin, Denis. life. AD 62 : 647
Parmentier, A. A. life. AD 62 : 737 p
Pascal, B. works. AD 03 : 623
—— Woodcroft Coll. AB 70/**
Pasteur, Louis. life. AD 62 : 822
Paul, Lewis. Woodcroft Coll. AB 70/**
Pennant, Thos. life. AD 62 : 726
Perier, J. C. life. AD 62 : 742
Perkins, Jacob. Woodcroft Coll. AB 70/**
Perrault, C. & P. works. AD 03 : 613
Pettenkofer, M. J. von. life. AD 62 : 818
Pilatre de Rozier, J. F. life. AD 62 : 754
Pole, Wm. life. AD 62 : 814
Porta, G. B. della. life. *See Porta, G. B. de.* La magie naturelle de Porta. Trad. par [H. G.] Duchesne. AC 80/*
Potts, L. H. life. AD 62 : 789 p
Priestley, Joseph. life. AD 62 : 733

Prosser, Richard. Woodcroft Coll. AB 70/**
Pulham, James. Woodcroft Coll. AB 70/**
Pythagoras. life. AD 60 : 582.

Radcliff, Wm. Woodcroft Coll. AB 70/**
Ransome, James. Woodcroft Coll. AB 70/**
Ransome, Robert. Woodcroft Coll. AB 70/**
Reis, Ph. life. AD 62 : 834
Rennie, John. life. AD 62 : 761
Rennie, Sir J. life. AD 62 : 794
Reynaud, L. life. AD 62 : 803 r
Roberts, John. Woodcroft Coll. AB 70/**
Roberts, Richard. Woodcroft Coll. AB 70/**
Robin, V. G. works. AD 03 : 855
Roscoe, Sir H. E. life. AD 62 : 833 r
Rubens, Sir P. P. life. AD 62 : 637
Ruiz Lopez, H. life. AD 62 : 754
Rumford, Count. life. AD 62 : 753 r
—— works. AD 03 : 753

Sadler, John. Woodcroft Coll. AB 70/**
Salt, Sir Titus. Woodcroft Coll. AB 70/**
Schœnbein, C. F. life. AD 62 : 799
Schwilgué, J. B. life. AD 62 : 776
Senefelder, Aloys. Woodcroft Coll. AB 70/**
Siebe, Augustus, Sen. Woodcroft Coll. AB 70/**
Siemens, Sir C. W. life. AD 62 : 823
—— works. AD 03 : 822
Silliman, B. life. AD 62 : 779 s
Simpson, Sir Jas. life. AD 62 : 811 s
Simpson, Thos. life. AD 62 : 710
Simson, Robert. life. AD 62 : 687
Sinclair, Sir J. life. AD 62 : 754
Slater, Sam. life. AD 62 : 768
Smith, Francis, P. Woodcroft Coll. AB 70/**

Smith, James. Woodcroft Coll. AB 70/**
Soane, Sir J. life. AD 62 : 753 s
Sœmmerring, S. T. von. life. AD 62 : 755
Spallanzani, L. life. AD 62 : 729
Spencer, Thos. Woodcroft Coll. AB 70/**
Spooner, Charles, M. Woodcroft Coll. AB 70/**
Spooner, Peter. Woodcroft Coll. AB 70/**
Stephenson, G. life. AD 62 : 781 s
—— Woodcroft Coll. AB 70/**
Stephenson, Rob. life. AD 62 : 803 s
—— Woodcroft Coll. AB 70/**
Stevin, S. life. AD 62 : 548
Stothard, Thomas. life. AD 62 : 755
Strousberg, B. H. life. AD 62 : 822
Symington, Wm. life. AD 62 : 763
—— Woodcroft Coll. AB 70/**
Symonds, Sir Wm. life. AD 62 : 782
Symons, G. J. Woodcroft Coll. AB 70/**

Tangye, Sir R. life. AD 62 : 833 t
Taylor, Sam. life. AD 62 : 758
Telford, Thos. life. AD 62 : 757 t
Thomas, S. Gilchrist. life. AD 62 : 850
Thomason, Sir E. life. AD 62 : 769
Trevithick, Rd. life. AD 62 : 771 t
—— Woodcroft Coll. AB 70/**
Trouvé, G. life. AD 62 : 839
Tyler, Rufus. Woodcroft Coll. AB 70/**

Uchatius, F. life. AD 62 : 811 u

Vaudrey, P. E. life. A D 62 : 824 v
Vidie, Lucien. Woodcroft Coll. AB 70/** *Laurant.* Hist. des baromètres. (35,116.)
Vinci, L. da. life. AD 62 : 452
Volta, A. life. AD 62 : 745
Vulliamy, Benjamin L. Woodcroft Coll. AB 70/**

Walker, John. Woodcroft Coll. AB 70/**
Walpole, H. works. AD 03 : 717
Warner, John. Woodcroft Coll. AB 70/**
Watson, R. Bishop. life. AD 62 : 737 w
Watt, Jas. life. AD 62 : 736
—— Woodcroft Coll. AB 70/**
Wealleus, William. Woodcroft Coll. AB 70/**
Wedgwood, Family, etc. AD 437 Biography National : English.
—— Woodcroft Coll. AB 70/**
Wedgwood, Josiah. life. AD 62 : 730
Wedgwood, Thos. life. AD 62 : 771 w
Wheatstone, Sir Chas. Woodcroft Coll. AB 70/**
Wheelwright, Wm. life. AD 62 : 798
Whittingham, Chas. Woodcroft Coll AB 70/**
Wightman, John. life. AD 62 : 762
Wilkins, J., Bishop of Chester. AD 03 : 614
Wilkinson, John. life. AD 62 : 728
—— Woodcroft Coll. AB 70/**
Williams, Chas. Wye. Woodcroft Coll. AB 70/**
Woehler, Fr. letters to Liebig. AD 62 : 803 Liebig.
Woodcroft, Bennet. Woodcroft Coll. AB 70/**.
Worcester, 2nd Marquis. AD 62 : 661
—— Woodcroft Coll. AB 70/**
Wren, Sir Christopher. life. AD 62 : 632
Wright, Lemuel Wellman. Woodcroft Coll. AB 70/**
Wyatt, John. life. AD 62 : 700
—— Woodcroft Coll. AB 70/**

Yates, Wm. Woodcroft Coll. AB 70/**
Young, Thos. life. AD 62 : 773 y
—— works. AD 03 : 773

KEY TO THE CLASSIFICATION OF HEADINGS.

AA	DICTIONARIES AND GRAMMARS.	(*Subdivided according to* Table A, *p.* 321.)
[AA d	Bibliography.]	
[AA g	History.]	

(*Aryan.*)

AA 01	Sanscrit.
AA 04	Hindustani.
AA 05	Persian.

(*Classical and Romance.*)

AA 06	Greek.
AA 08	Latin.
AA 10	Italian.
AA 11	French.
AA 12	Spanish.
AA 13	Portuguese.
AA 14	Roumanian.

DICTIONARIES AND GRAMMARS—*continued.*

(Celtic.)

AA 16 Welsh.

AA 19 Gaelic.

AA 20 Irish.

(Slavonic.)

AA 22 Bulgarian.

AA 23 Polish.

AA 24 Russian.

(Scandinavian.)

AA 29 Norwegian.

AA 30 Swedish.

AA 31 Danish.

(Teutonic.)

AA 34 Dutch.

AA 35 German.

AA 36 Anglo-Saxon.

AA 37 English.

AA 38 Scotch.

(Semitic.)

AA 44 Hebrew.

AA 48 Arabic. *See also* AA 05, Persian.

(Turanian.)

AA 51 Finnish.

AA 52 Hungarian.

AA 53 Turkish.

DICTIONARIES AND GRAMMARS—*continued.*

(*Other Asiatic. See also* Aryan, AA 61-5.)

AA 57	Chinese.
AA 60	Japanese.
AA 63	Burmese.
AA 66	Tamil.

(*Artificial.*)

AA 93	Esperanto.

AA 96	Polyglot.
AA 97	Technical bilingual. (*Subdivided as* AA (k). *See* Table A.)
AA 98	————polyglot.

TABLE A.

a. Encyclopædic and illustrated.

c. etymological.

d. dialect.

e. synonyms.

g. technical terms. *N.B.—Bilingual and Polyglot technical dictionaries are classed with* AA 97-98.

h. foreign words.

i. phraseology. *N.B.—Polyglot phraseological dictionaries are classed with* AB 01, *Commercial Correspondence.*

j. rhyming.

k. bilingual. *N.B.—Bilingual dictionaries are classed:* (a) *English and foreign with the foreign language;* (b) *others with the foreign language, the name of which stands first where translated into English. A reference always made from the name of the second language, e.g., Italian and German Dictionaries,* see *German and Italian Dictionaries,* AA 35 kl.

n. grammars.

AB 01 Commercial Correspondence : Dictionaries, etc.

AB 04 Commercial Substances : Description.

AB 07 Commerce : Dictionaries.

ARTS AND MANUFACTURES. *See also* [Animals, Economic ; Plants, Useful].

AB 10 Bibliography.

AB 11-14 Library Catalogues.

AB 15 Indexes to Periodicals.

[History. *See* AB 50-79, Inventions and Origins.]

AB 25 Dictionaries.

AB 28 General treatises. *N.B.*—Works on local industries are classed with locality.

AB 30 Mechanical Technology : Dictionaries.

AB 31 —— —— : General treatises.

AB 34 Waste Products. *N.B.*—Wastes of specific industries are classed with the industry.

AB 35 Bone Utilization.

AB 36 Wood Waste Utilization.

AB 38 Plastic Compositions and Imitation Substances.

AB 39 Celluloid.

AB 40 Receipt Books. *N.B.*—Receipts relating to a specific art are classed with the art.

Trades and Professions.

AB 47 History.

AB 48 Dictionaries.

AB 49 Iconography and Description.

INVENTIONS AND ORIGINS. *See also* [Animal Industries and Habits] ; AP 50, Anthropology, Primitive Industries ; AO 80-89, Archæology ; AQ 18-19, History of Commerce.

AB 51 Bibliography.

AB 52 Chronologies and Charts.

AB 54 Dictionaries.

AB 55 General treatises.

INVENTIONS AND ORIGINS—*continued.*

AB 56 Collections. *N.B.*—Inventions relating to a specific subject are classed with the subject.

AB 58 Inventions, Contemporaneous.

AB 59 Inventions and Discoveries, Forecasts. *See also* AV 80, Utopias, etc.

AB 60–69 Inventions, Local. (Subdivided by the addition of Local numbers.) 642, United Kingdom; 6436, Austria-Hungary; 6493, Belgium; 64414, Brittany; 6439, Gottingen; 645, Italy; 64551, Florence; 649442, Geneva; 673, United States; 6746, Connecticut. *See also* AB 74–79, Inventors, Local.

Inventors and Discoverers.

AB 70 Lives.

AB 71 Portraits.

AB 73 Women Inventors.

AB 74–79 Local. (Subdivided by addition of Local numbers.) 742, United Kingdom; 744, France; 7433, Nuremberg; 773, United States. *See also* AB 60–69, Inventions, Local.

EXHIBITIONS.

AB 81 History.

AB 82 Economic value, etc.

AB 85–99 Universal International. (Arranged by date, *e.g.*, AB 851, London International Exhibition, and further subdivided according to special table.)

AC 01 Local (Arranged as above).

AC 015–23 Permanent. *N.B.*—Descriptions of buildings are classed with Local Architecture; specific collections with subject-matter.

ENCYCLOPÆDIAS. *See also* AC 75, Science: Educational Courses (for minor encyclopædias).

AC 24 Bibliography and History.

AC 25 Encyclopædias (Arranged by date on shelves but by Countries in this list).

AC 40 Iconographic.

SCIENCE [*i.e.*, Mixed Sciences].

AC 50 Bibliography, General.

AC 51 —— , Periodical Publications. Lists.

AC 52 —— —— —— Indexes.

AC 525 —— —— —— Theses.

AC 55 History. *See also* AB 52, Inventions and Origins.

AC 57 Errors and satires.

AC 60 Scientific Men: Lives.

AC 61 —— ——: Portraits.

AC 62 —— ——: Directories.

AC 65 Scientific Societies: Directories.

AC 70 Dictionaries. *See also* AC 24-40, Encyclopædias.

AC 75 Educational Courses.

AC 79 Science, Popular: Periodicals.

AC 80 —— —— : General treatises.

AC 82 —— , Recreative, experimental. *See also* [Chemistry, Practical; Mathematics, Problems; Physics, Practical].

AC 84 Conjuring: General treatises.

AC 85 Conjurors: Lives.

AC 86 Conjuring: Periodicals.

AC 88 Travellers' Scientific Guides.

AC 90 Science Essays and Lectures.

AD 01 Collected Works (of individual writers), B.C.

AD 02 —— —— —— —— A.D. 1-999.

AD 03 —— —— —— —— A.D. 1000-1999.

AD 06 Correspondence, Scientific (Collections). *N.B.*—Letters on specific subjects are classed with subject. General Correspondence of a writer with one or more correspondents are classed with Biography under the birth date of the principal writer.

BIOGRAPHY, UNIVERSAL.

AD 20 Bibliography and Indexes.

AD 23 Dictionaries and Collections.

AD 27 Charts.

AD 29 Periodicals.

AD 34 Contemporaneous.

Biography National. *See also* AO 32, Classical Mythology and Biography. Biography of minor local areas are classed with locality (Div. *b*, Biography).

AD 39 Oriental. *See also* AB 60c, Oriental Encyclopædias.

AD 410 Italian.

AD 434 Dutch.

AD 436 American.

AD 437 English.

Biography of Religious Sects and Orders. *N.B.*—*All other* Subject Biographies are classed with Subject—following subhead (*History*).

AD 501 Jesuits.

AD 503 Huguenots.

AD 60 Biography—(Single Lives or of single families) B.C.

AD 61 [— — A.D. 1-999.]

AD 62 — — A.D. 1000-1999.

Arranged by birth date, and initial of surname. *See also* AD 04 for lives contained in Collected Works. *N.B.*—Histories of manufacturing firms are classed with the industries. For Collected Inventions of individuals *see* AB 56. *N.B.*—The heading includes author bibliography and correspondence between two writers or between several correspondents.

BIOGRAPHY, UNIVERSAL—*continued.*

AD 64 Portraits, Catalogues, and Indexes.

AD 85 — National: English. *N.B.*—Portraits of classes of individuals are classed with the history of their professions, etc.

AD 90 Autographs.

Heraldry. *See also* AE 70, Genealogy; [Flags, Marine; Monograms].

AE 10 Bibliography.

AE 14 Dictionaries.

AE 15 General treatises. *See also* [Bookbinding, Historical, etc.]

AE 22 In architecture.

AE 30 Local. United Kingdom.

AE 58 Crests

[AE 70 Genealogy.]

AE 83 United Kingdom.

Directories. *N.B.*—Professional and Trade Directories are classed with Profession, etc.

AF 10 Official.

AG BIBLIOGRAPHY, NATIONAL. *See also* AH 85, Anonyms and Pseudonyms (by countries). *N.B.*—The national headings are subdivided according to the following table:—

Trade and Copyright lists (no letter mark).

a. Bio-bibliographical digests.

b. Theses, Catalogues, and Indexes. *N.B.*—Class Bibliographies or collections of theses are classed with Subject (*Cf.* AC 525).

c Publishers' Catalogues. *N.B.*—Booksellers' Catalogues are classed with AH 16.

i. Periodical and Society Publications; Lists and Directories. *N.B.*—Analytical indexes to general periodical publications are classed with AH 49 or with subject [*Cf.* AC 52]. *See also* AW 96, Advertising.

u State Paper Catalogues and Indexes.

v. Broadsides, Catalogues and Indexes.

BIBLIOGRAPHY, NATIONAL—*continued.*

AG 01 Bibliography. *N.B.*—Catalogues of National Libraries are classed with AH 05, Universal Bibliography.

(*By Countries.*)

AG 10 England.
AG 20 America, North.
AG 21 —— , United States.
AG 22 —— , Canada.
AG 50 France.
AG 51 Belgium.
AG 60 Germany.
AG 71 Italy.
AG 76 Russia.
AG 77 Sweden.
AG 81 India.

BIBLIOGRAPHY, UNIVERSAL. *See also* AI 25 for Catalogues of MSS.; AN 20, Book Selection.

AH 05 Catalogues.
AH 10 Subject and Class.
AH 12 Library Catalogues. Catalogues of specialist Libraries are classed with subject.
AH 14 —— Bulletins.
[AH 16 Booksellers' Catalogues.]
AH 30 Periodical Publications: History.
AH 32 —— —— : Bibliography.
AH 40 —— —— : General Indexes.
AH 50 LITERARY CRITICISM: Reviews.
AH 53 —— —— : Digests.
AH 54 —— —— : Bio-bibliographical digests.
AH 80 Anonyms and Pseudonyms, General.
AH 85 —— —— , By Countries. AH 85 f, France; AH 85 g, Germany; AH 85 i, Italy.

AI BIBLIOGRAPHY, HISTORICAL, AND ANTHETIC.

AI 10 Periodicals.

AI 25 Descriptive Catalogues.

AI 30 History of Prices.

[AI 43-AK 20] PRINTING, HISTORY [not printed here]. *See also* [ ] Cards, Playing; [ ] Paper Marks; [ ] Printing, Letterpress, etc.; [ ] Type and Typefounding; [ ] Wood Engraving.

BIBLIOGRAPHY, SYSTEMATIC [including Library Management]. *See also* [Printing Gazetteers.]

AK 35 Dictionaries.

AK 36 General treatises.

AK 38 Economics.

AK 39 Periodicals.

AK 40 Bibliography of Bibliography.

AK 41 Reference Works, Bibliography. *N.B.*—Other Subject Bibliography classed with Subjects.

[AK 50 Care of Books.] *See also* [ ] Bookbinding; MSS. preserving and restoring.

AK 51 Book Pests.

LIBRARY MANAGEMENT.

AK 65 General treatises

AK 67 Periodicals.

AK 69 Library Economics.

LIBRARY HISTORY.

AK 70 General treatises,

AK 80-AM 7 [Histories of single institutions: 1. Guides. 2. Reports.]

AK 81, Pat. 2, Patent Office L.
AL 78, Con. 2, U.S. Congress L.

AN 01 Library buildings and appliances.

— — Single Libraries (arranged alphabetically). *See also* AK 60-AM 7 for description and administration of single libraries.

AN 01 Bri., British Museum.

AN 01 Rad., Radcliffe Library, Oxford.

AN 01 U.S. Con., U.S. Library of Congress.

AN 11 Library Indicators.

AN 20 Book Selection. *See also* AH 50, Bibliography, Universal.

AN 23 Periodicals.

BOOK CATALOGUING.

AN 30 Rules.

AN 31 Dictionary Subject Headings.

AN 36 Co-operative.

AN 37 Appliances.

AN 39 Indexing and Précis writing.

BOOK CLASSIFICATION. *See also* AH 10, Library Catalogues, Subject and Class; AN 31, Book Cataloguing, List of Subject Headings; BD 55, Classification of Knowledge.

AN 40 General treatises.

AN 41 Systems.

AN 51-76 [Of specific subjects or sections—arranged alphabetically.]

51 gr, Agriculture; 52 ib, Bibliography; 55 le, Electrochemistry; 55 ng, Engineering; 57 am, Games and Sports; 66 ho, Photography; 66 hy, Physics; 68 ai, Railways; 69 ci, Science.

HISTORICAL SCIENCES.

AO 03 Collections.
AO 06 Dictionaries.
AO 09 Miscellany.
AO 18 Annuals.
AO 19 Almanacs and Calendars.

AO 20 Chronology, Historical, General treatises.

AO 22 Dates, Dictionaries of.

AO 32 Classical Biography and Mythology.

AO 34 Classical Archæology.

AO 36 Iconology.
AO 37 —— Mythological.

AO 50 Engraved Gems.

NUMISMATICS.

AO 60 Collections.
AO 61 General treatises.
AO 63 Alchemical. *See also* [Alchemy].
AO 66 Coins and Coinage: General treatises.
AO 67 (By Countries — arranged alphabetically); c, Classical; En, England; r, Russia.

ARCHÆOLOGY.

AO 80 Bibliography.
AO 84 Miscellany.
AO 85 General and Comparative.
Prehistoric. *See* AP 40, Anthropology, Prehistoric.
Classical. *See* AO 34, Classical Archæology.
AO 89 Periodicals.
AO 90 Art objects, chemical analyses.

ANTHROPOLOGY.

AP 30 Bibliography.

AP 37 Collections.

AP 40 Prehistoric.

AP 41 Ethnological (with original sub-division), ·5, Asia; ·51, China; ·504, Indo-Malay region; ·52, Japan; ·92, Java. Sumatra; ·97, America, North.

AP 50 Primitive industries.

AP 51-76 —— —— (Objects arranged alphabetically), 56 is Fishing; 73 ea, Weapons.

[AP 80 Anthropometry].

AP 81 Craniometry.

AP 82 Finger prints.

AQ 10 Voyages and Travels.

AQ 18 Commerce, History.

AQ 19 —— —— [By countries, arranged alphabetically.] Bel., Belgium; Eng., England.

AQ 25 Topography: Miscellany.

Gazetteers.

AQ 30 General.

AQ 31 England.

AQ 32 Ireland.

AQ 33 Scotland.

AQ 35-60 of other countries (arranged alphabetically), 43n, India; 55n, United States.

Atlases, Geographical.

AQ 61 General.

AQ 67-92 of other countries (arranged alphabetically).

AQ 95 Topographical.

AQ 97 Maps, Bibliography.

HISTORY AND TOPOGRAPHY.

AR 04 **History, Universal: General treatises.**

(*Local List*).—Based upon Cutter's Local List: Not printed in this Subject list. The following scheme is applicable to the sub-division of local headings. Works of description and travel bear the local class mark only.

(*Scheme.*)

a. Bibliography (of towns, etc.).
b. Biography (of towns, etc.).
c. Dictionaries.
e. Guide books.
f. Directories.
h. Miscellany.
i. Antiquities (including Ancient buildings).
j. Architecture and Street Improvements. *See also* [ ] Locomotion for the traffic regulation of a District; [ ] Theatres.
l. Industries and economic products. *N.B.*—Natural History and specific economic products are classed with subject. Histories of Livery Companies are classed with the industry.
m. Social, Industrial and Intellectual History.
p. History: Sources.
q. —— : General.
r. —— : by periods.
s. —— : constitutional and administrative.
t. Periodicals.
u. Maps.
(z. Unbound matter in above divisions.)

N.B.—With the above exceptions works are classed from their subject standpoint, although restricted to definite areas, *e.g.*:—

ADMINISTRATION. (Includes Army and Navy; Census; Coinage; Commerce; Education; Law.)

AGRICULTURAL AND RURAL ECONOMY. (Includes Forestry; Land Drainage and the culture of special plants.)

ARCHITECTURAL STYLES.

BIBLIOGRAPHY and BIOGRAPHY of areas wider than towns, for which *see* Local Scheme (*Div.* a and b).

ENGINEERING. (Including Canal and River Engineering; Drainage; Railways; Water Supply.)

ETHNOLOGY.

FINE ARTS AND ART INDUSTRIES. (Including Ceramics; Glass, etc.)

NATURAL HISTORY. (Including Flora; Fauna; Fisheries, etc.)

PHYSICAL GEOGRAPHY AND GEOLOGY. (Including Climate; Hydrology; Mineralogy; Mineral Industries, etc.)

ECONOMIC AND POLITICAL SCIENCE.

AS 11 Economic History and Conditions: by Countries with local number added), 13, Europe; 1423, England; 1449, Ireland.

AT 10 Statistics, General.

AT 50 Prices, History.

AT 97 Economic and Political Science: General treatises.

AU 05 Economics of Production.

AV 05 Postal and Telegraphic Communication: General treatises.

AV 06 — — — : Periodicals.

AV 10 Postage Stamps.

AV 462 Taxation (with local numbers added), 423, United Kingdom.

AV 488 Monopolies. *See also* BH 25113, Monopolies: England, etc.

AV 4883 — United States.

[AV 60 Associations and institutions.]

AV 602 Charitable Institutions, Administration.

AV 6241 Blind, care and education of.

AV 6243 Embossed Printing for.

AV 6245 Deaf and Dumb, care and education.

[AV 70 Penal Science.] *See also* [ ] Treadmill.

AV 762 Rack.

AV 788 Crucifixion.

AV 80 Utopias, Political and General. *See also* AB 50. Inventions and Discoveries, Forecasts.

Banking Economics.

AW 141 Precious Metals, Economics: General treatises.

AW 1415 — — — : Periodicals.

AW 151 Paper money: history.

MEASURES, WEIGHTS AND MONEY.

AW 20 History.
AW 23 Classical and Ancient.
AW 27 General treatises.
AW 30 Congresses.
AW 33 Conversion Tables.
AW 35 English.
AW 37 —— Departmental reports.
AW 43 Decimal.
AW 44 French, including Metric: History.
AW 45 —— —— —— : General treatises.
AW 50-54 other Countries (By continents, with alphabetical sub-arrangement of locality), 51e, East Indies: 51 j, Japan; 53, United States.

COMMERCE. *See also* AB 01, Commercial Correspondence; AB 04, Commercial Substances, Description: AB 07, Dictionaries of Commerce; AQ 18-19, Commerce, History.

AW 84 Bibliography.
AW 89 General treatises.
AW 94 Book-keeping.
AW 96 Advertising: General treatises.
AW 961 —— : Periodicals.
AW 962 —— : Signs, electric.
AW 964 Shopwindow dressing.
AW 966 Showcases.
AX Directories, Trade.
AX 428 United Kingdom.
AX 83 United States.
AY Commercial Intelligence. [Not printed.]
AZ 06 Markets, Organisation.
[AZ 23 Company Promotion.]
AZ 26 Prospectuses.

BOUN
FEB 1 1919
UNIV. OF MICH.
LIBRARY
UNIVERSITY OF M
3 9015 05863 3